

Institution 9

Report compiled: June 2014

RAILS is funded by the Institute for Museum and Library Services. RAILS operates in partnership with the ACRL Assessment Immersion Program, is augmented by Waypoint Outcomes, and is located at Syracuse University's iSchool.

The Institute of Museum and Library Services (IMLS) is the primary source of federal support for the nation's 123,000 libraries and 17,500 museums. The Institute's mission is to create strong libraries and museums that connect people to information and ideas.



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Background

The Project

[Rubric Assessment of Information Literacy Skills \(RAILS\)](#) is an IMLS-funded research project designed to investigate an analytic rubric approach to information literacy assessment in higher education. The RAILS project aided academic librarians and disciplinary faculty in their efforts to assess information literacy outcomes. From 2010 to 2014, RAILS generated a [suite of rubrics](#) that can be used by academic librarians and disciplinary faculty to assess information literacy outcomes; a transferable model for analyzing rubric scores; training materials for librarians, faculty, and library and information science (LIS) students who seek to use rubrics for information literacy assessment; indicators of rater expertise in rubric scoring; and a clearinghouse for librarians and faculty to share:

- Local adaptations of information literacy (IL) rubrics,
- Rubric assessment results, improvements to instructional strategies and services made on the basis of those results, and
- Examples of increased student learning resulting from instructional improvements.

Research Questions

Although RAILS addressed practical assessment issues, it also explored five research questions:

- Can librarians & disciplinary faculty use IL rubrics to provide valid & reliable scores of student learning?
- What skills/characteristics do librarians & faculty need to produce valid & reliable scores using IL rubrics?
- What training materials do librarians & faculty need to acquire these skills/characteristics?
- How can rubric assessment be used to improve IL instruction and services?
- How can rubric assessment increase student learning of IL skills?

Institution 9 Rubric

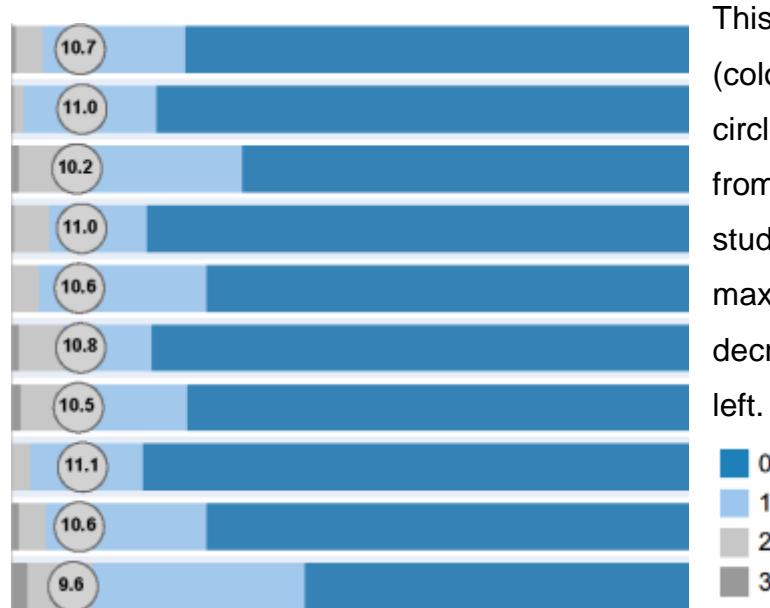
	Performance Level 3 Student:	Performance Level 2 Student:	Performance Level 1 Student:	Performance Level 0 Student:
Defines research question/ thesis	<p>64% Defines a specific research question/ thesis/topic.</p>	<p>23% Defines a research question/ thesis/topic but scope is too broad or too narrow.</p>	<p>13% Defines a research question/ thesis/topic, but it is unclear or incomplete.</p>	<p>0% Does not define a research question/ thesis/topic.</p>
Determines key concepts	<p>64% Identifies keywords that reflect the research question/ thesis/topic and also identifies synonyms.</p>	<p>28% Identifies keywords that reflect the research question/ thesis/topic but does not identify synonyms.</p>	<p>8% Identifies keywords but some of them are off topic.</p>	<p>0% Does not identify any keywords that describe the research/question/ thesis topic.</p>
Identifies types of information sources (books, peer-reviewed articles, data, etc.) specific to the research need	<p>79% Identifies multiple information source types to search for that are relevant to their research need.</p>	<p>18% Identifies at least one information source type to search for that is relevant to their research need.</p>	<p>1% Identifies information source types to search for, but none are relevant to the research need.</p>	<p>2% Does not identify information source types to search for.</p>

Identifies subject-relevant information resources (databases, catalog, etc.) in which to search	86% Identifies multiple information resources in which to search that are relevant to their research need.	12% Identifies at least one information resource in which to search that is relevant to their research need.	1% Identifies information resources in which to search, but none are subject-relevant.	1% Does not identify information resources to search.
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Results

Average Student Criteria Scores by Rater

Performance level



This figure shows proportional (colored bars) and average (grey circles with number) scores each rater from an institution assigned to all students for RAILS rubric criteria. The maximum score is listed on the right, decreasing to the lowest score on the left.



Vertical: Rater (A-L)

Horizontal: Score (high to low from 12-0, from horizontal rubric axis, or performance level)

Rater Criteria Scores

Performance level, criteria

This series visually depicts the all raters' average scores for each RAILS rubric criteria individually. Figures 1-4 shows averages visually clustered together for a single RAILS rubric criteria, and the pink shaded area shows the standard deviation. The number 3 shows the maximum score. Figures 5-8 list average scores sorting rater scores from high to low (not A-L) with a defined range from the lowest possible score to the highest recorded performance level, and the average (grey circles with number). Figures 9-12 break down Figures 1-4 data individually by rater, and showing their average score given to all students by criteria, with standard deviation in the pink shaded area.

Figure 1



Figure 2



Figure 3



Figure 4



Figure 5, Defines Research Question and Thesis

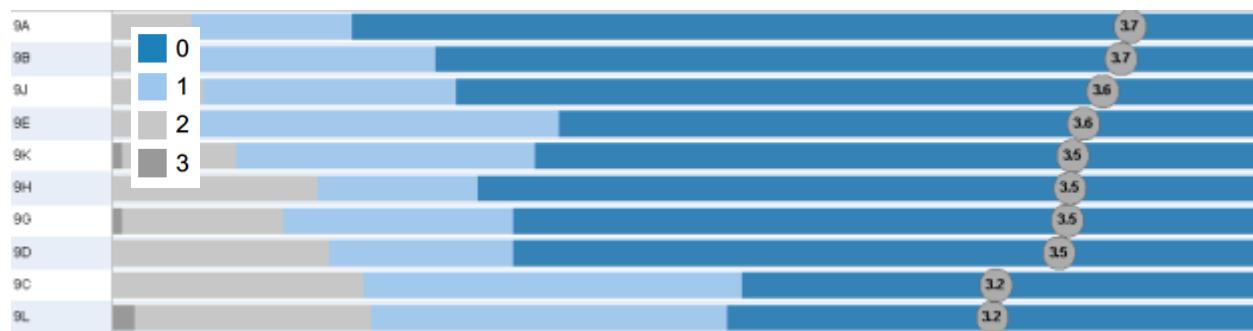


Figure 6, Determines Key Concepts

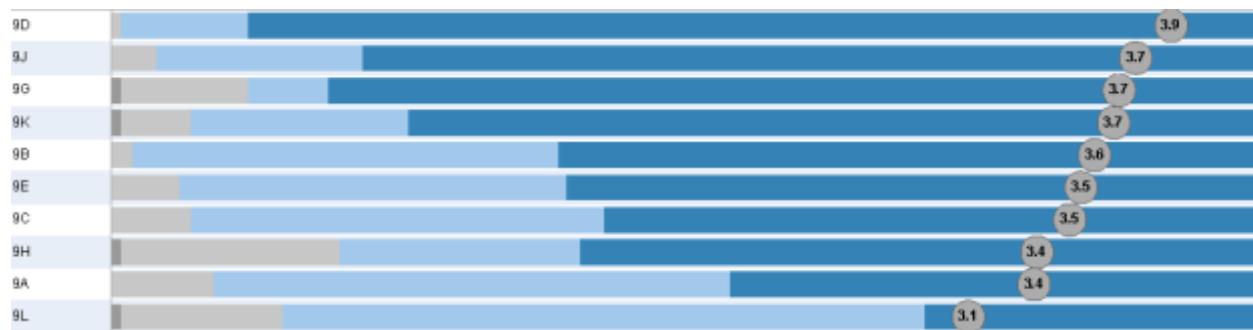
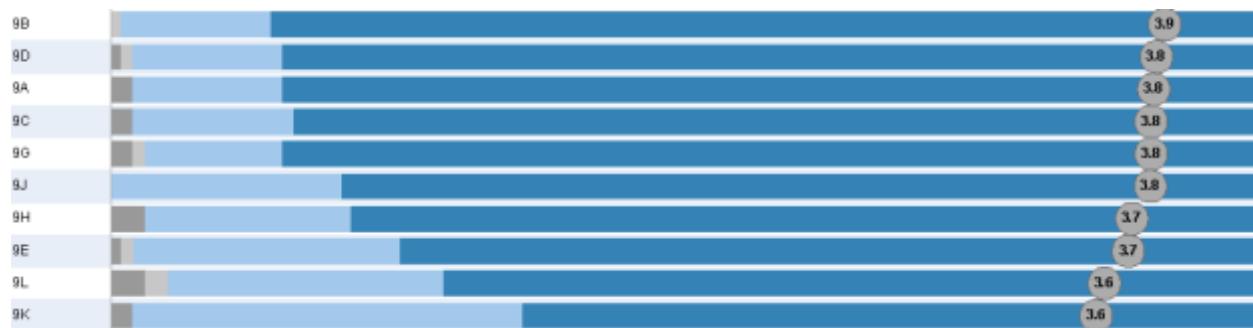


Figure 7, Identifies Subject-Relevant Information Resources



Figure 8, Identifies Types of Information Sources Specific to the Research Needs



Vertical: Rater (High-Low)

Horizontal: Score (high to low from 12-0, from horizontal rubric axis, or performance level)

Figure 9

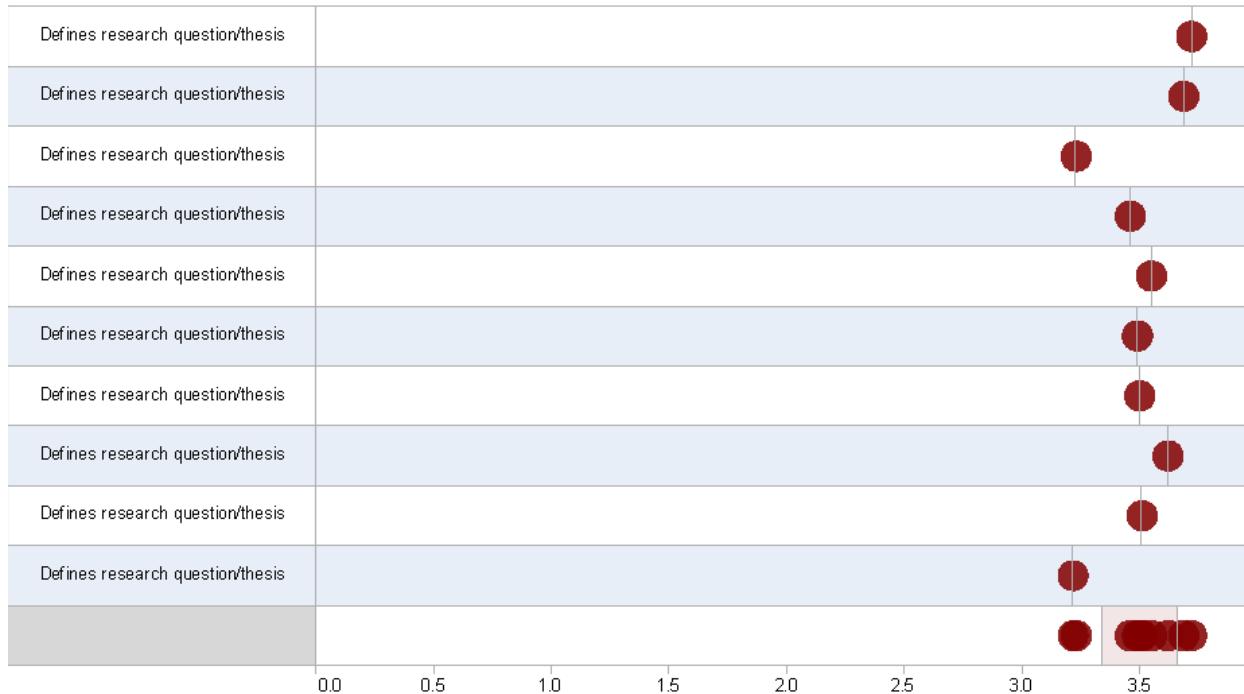
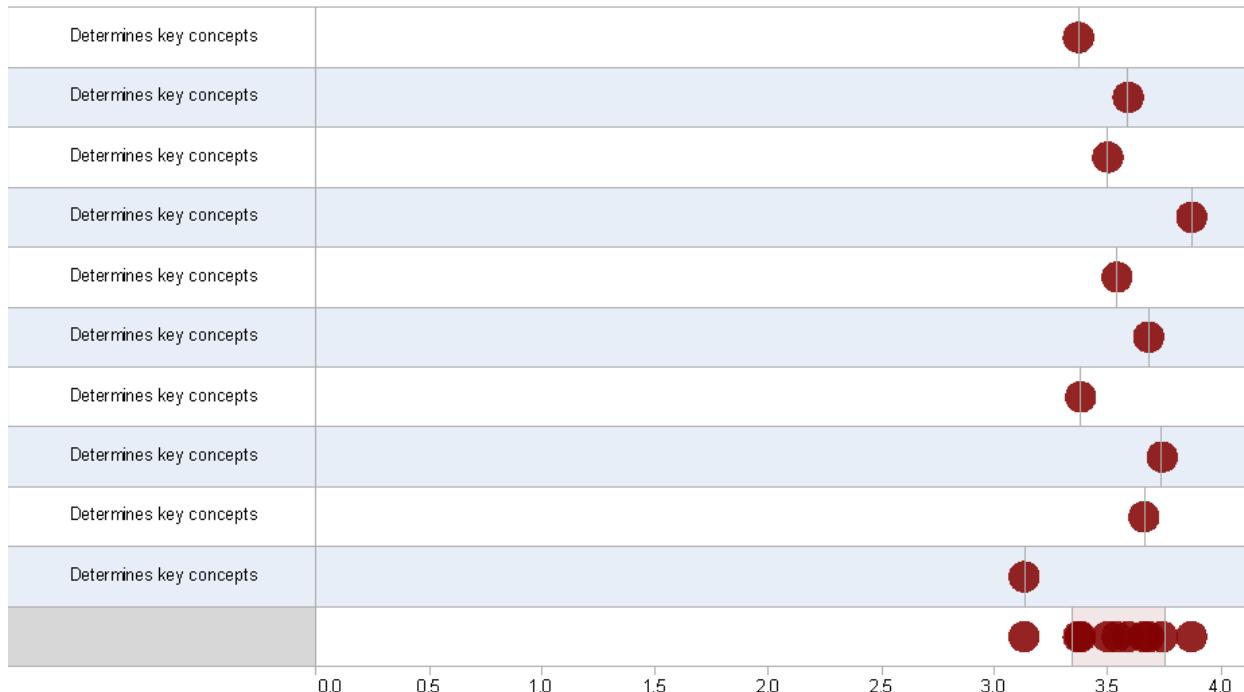


Figure 10



rails Institution 9

Figure 11

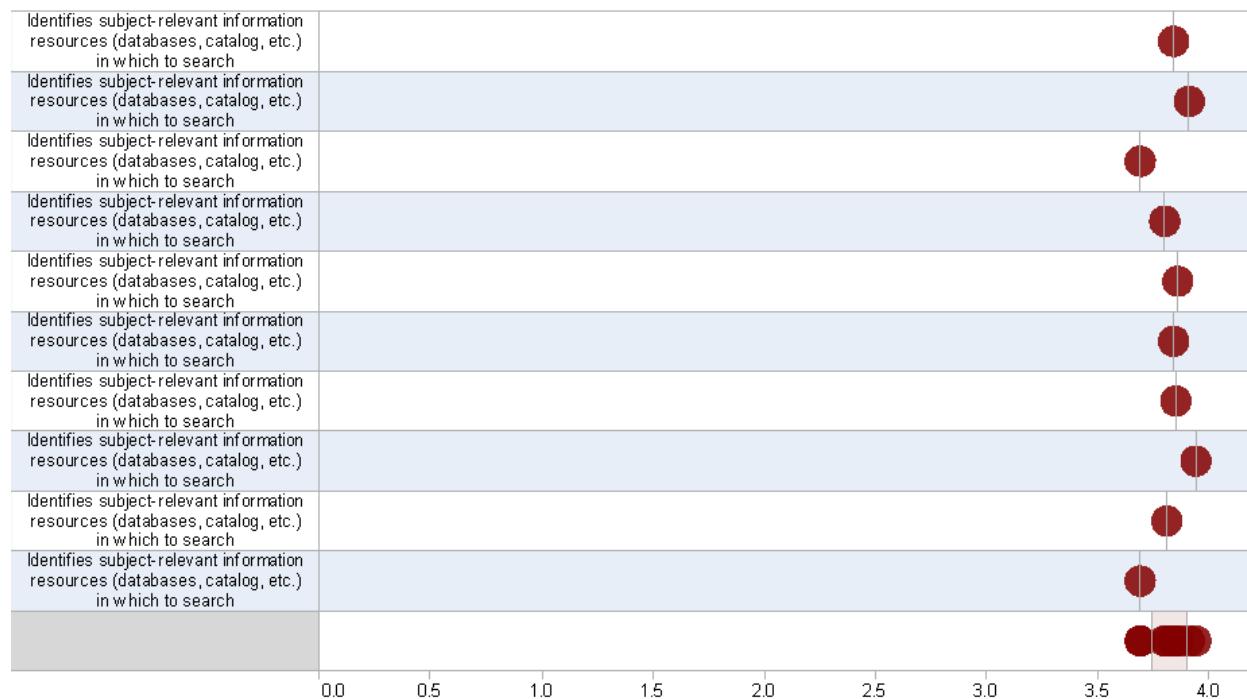


Figure 12



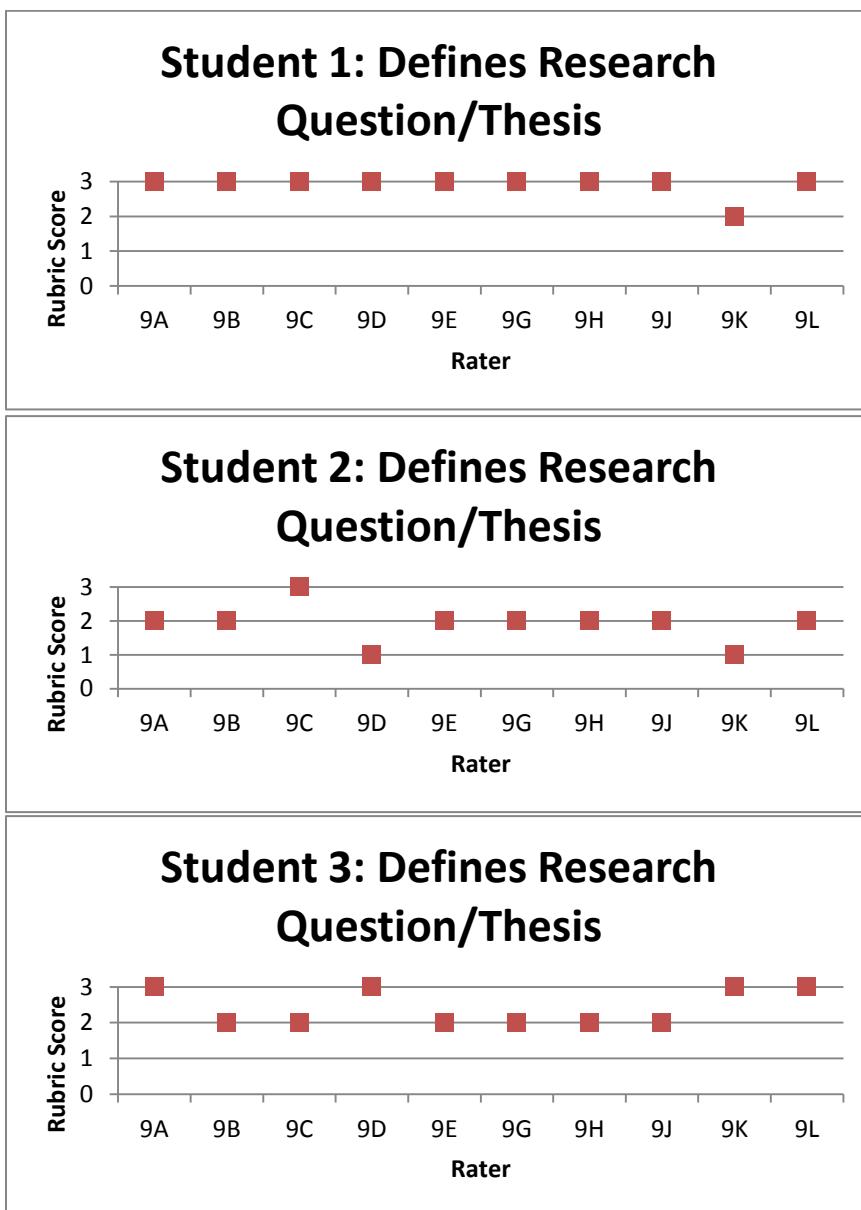
Vertical: Rater (A-L)

Horizontal: Score (0-3, from horizontal rubric axis, or performance level)

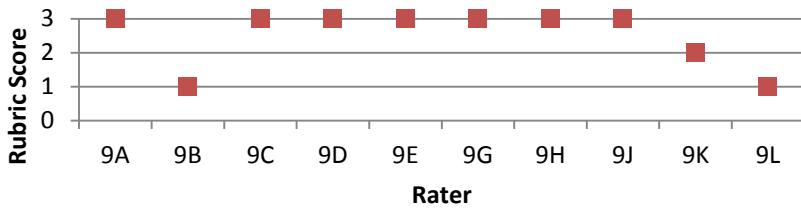
Student #: RAILS Rubric Criteria

Inter-rater reliability

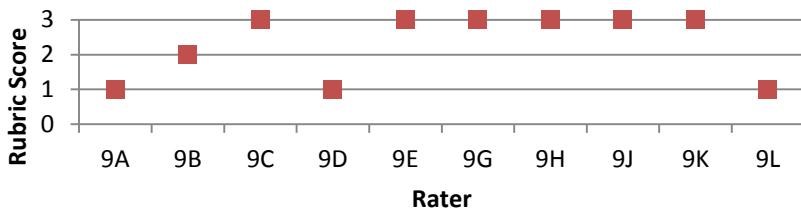
These graphs show what performance levels all raters (A-L) assigned each student, showing the variation among raters. There is a chart for each student for each RAILS rubric criteria.



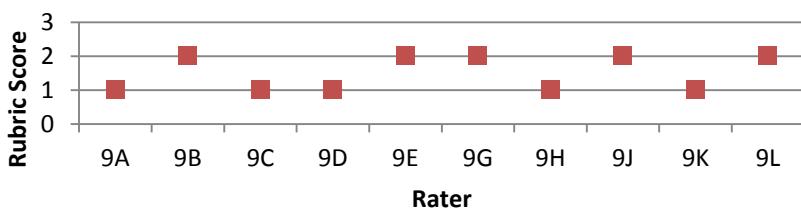
Student 4: Defines Research Question/Thesis



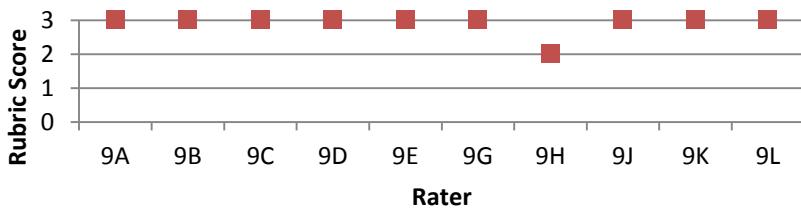
Student 5: Defines Research Question/Thesis



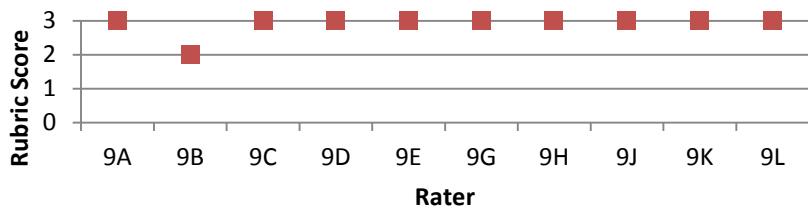
Student 6: Defines Research Question/Thesis



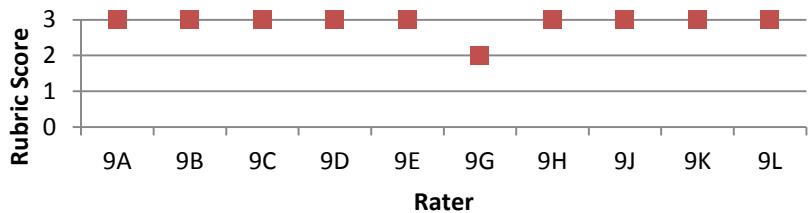
Student 7: Defines Research Question/Thesis



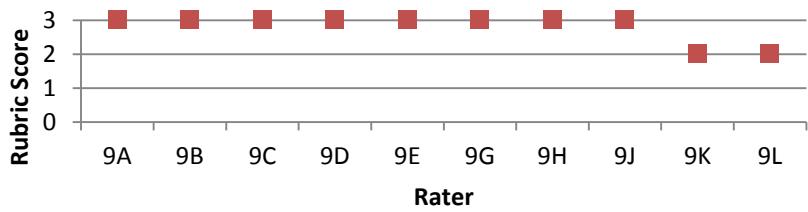
Student 8: Defines Research Question/Thesis



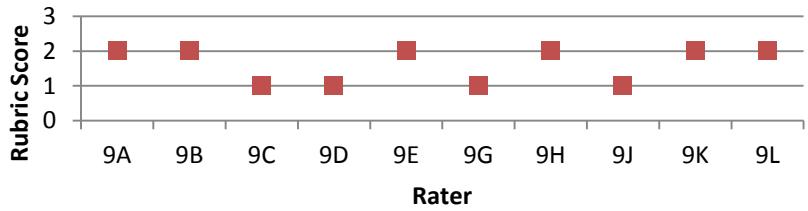
Student 9: Defines Research Question/Thesis



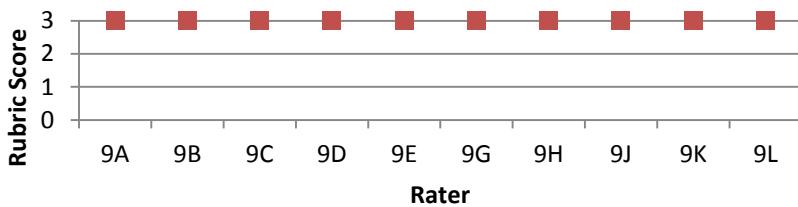
Student 10: Defines Research Question/Thesis



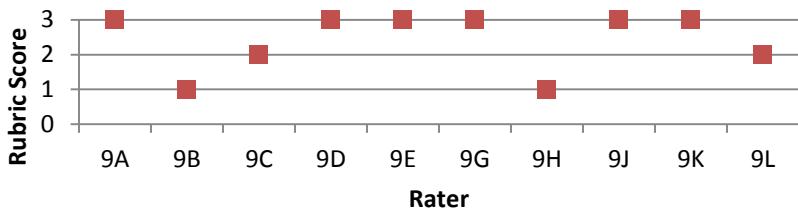
Student 11: Defines Research Question/Thesis



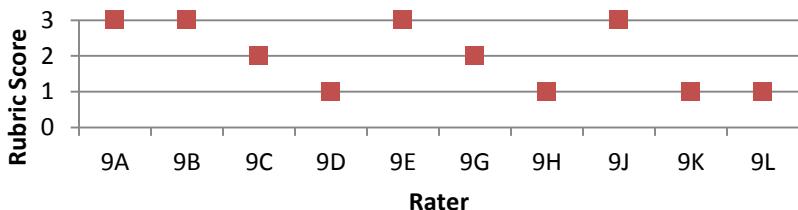
Student 12: Defines Research Question/Thesis



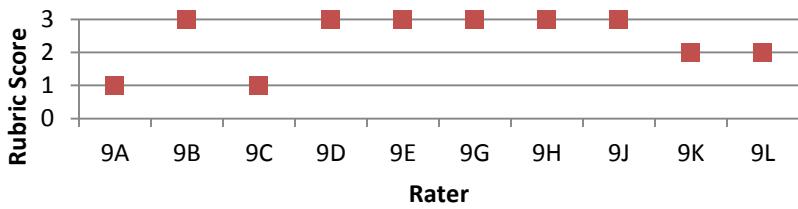
Student 13: Defines Research Question/Thesis



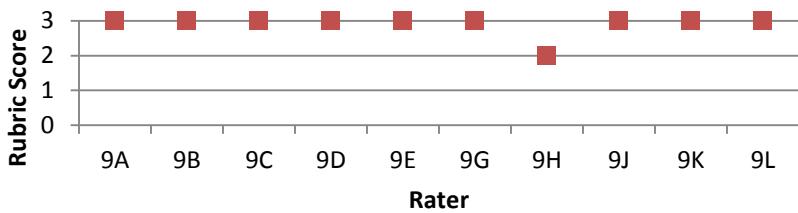
Student 14: Defines Research Question/Thesis



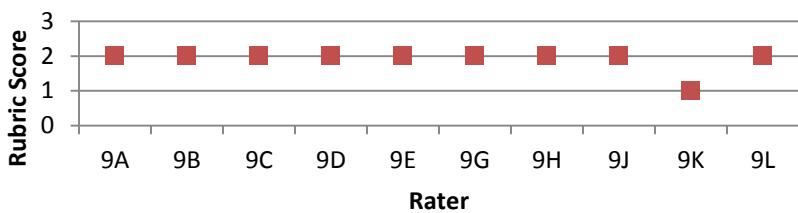
Student 15: Defines Research Question/Thesis



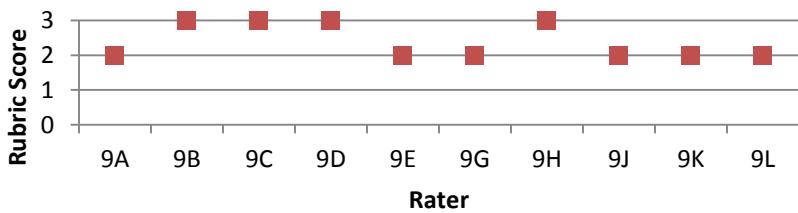
Student 16: Defines Research Question/Thesis



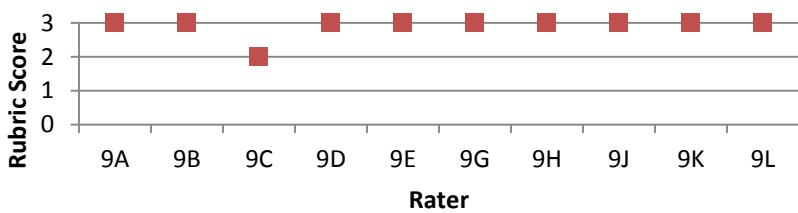
Student 17: Defines Research Question/Thesis



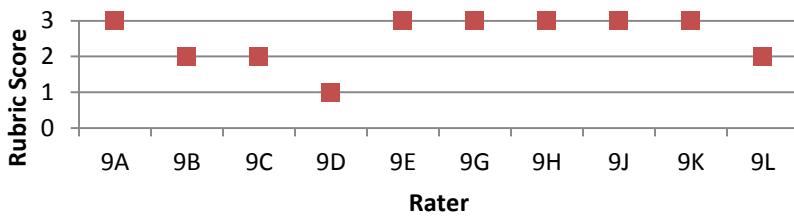
Student 18: Defines Research Question/Thesis



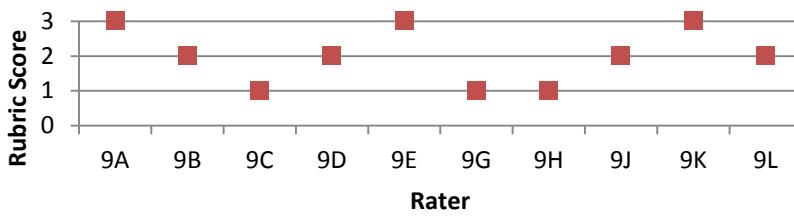
Student 19: Defines Research Question/Thesis



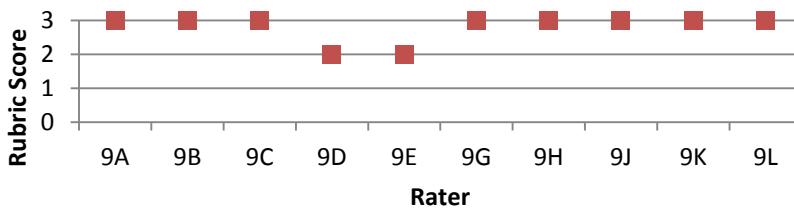
Student 20: Defines Research Question/Thesis



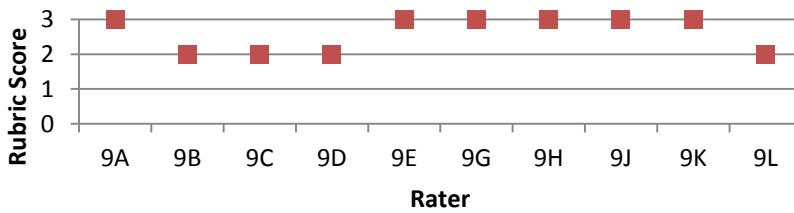
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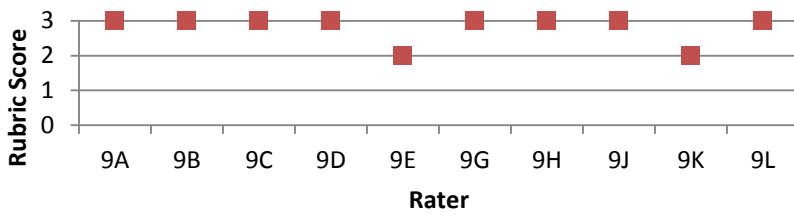
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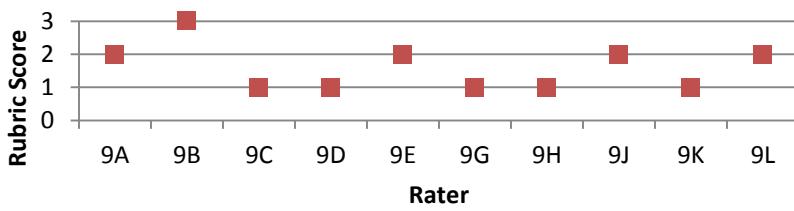
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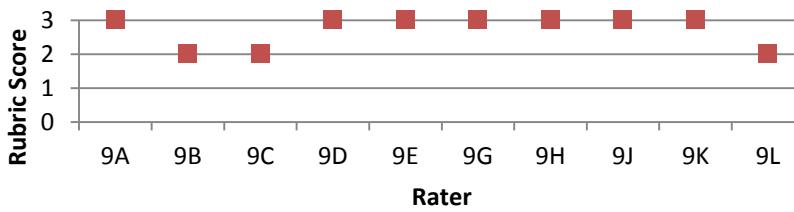
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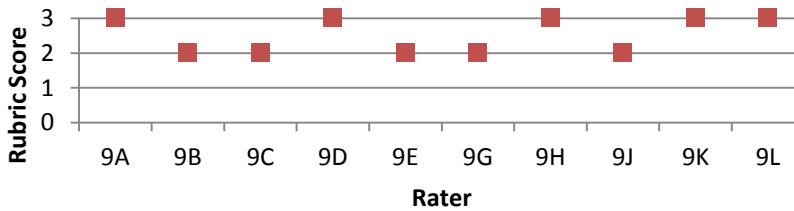
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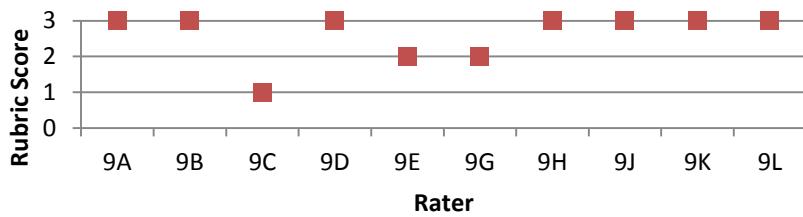
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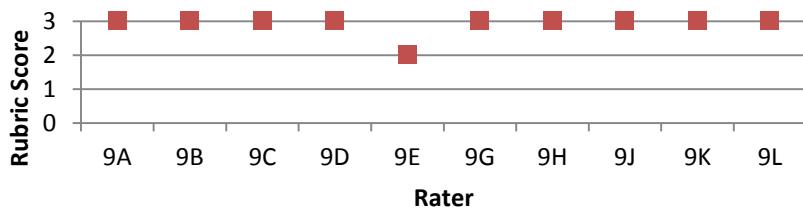
Student 27: Defines Research Question/Thesis



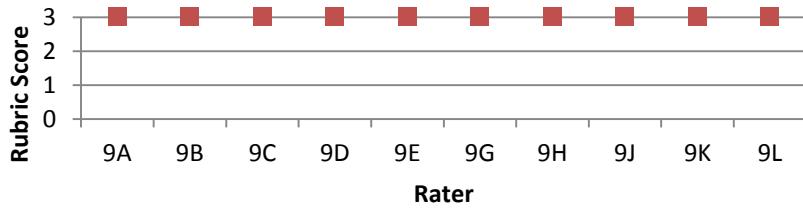
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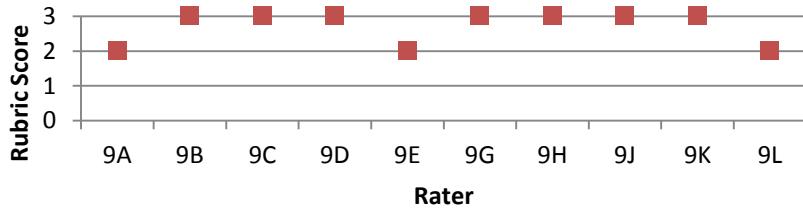
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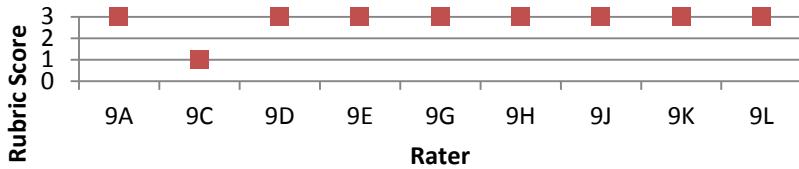
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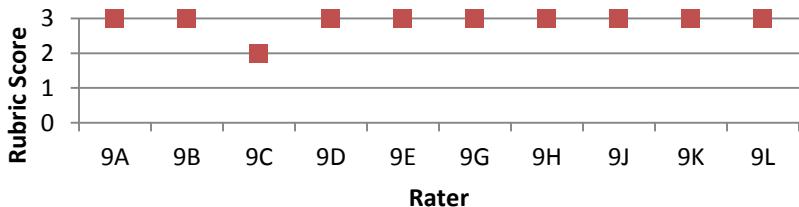
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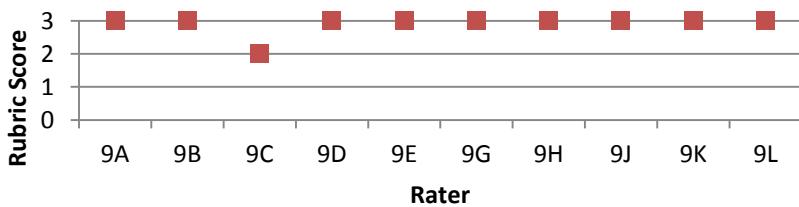
Student 32: Defines Research Question/Thesis



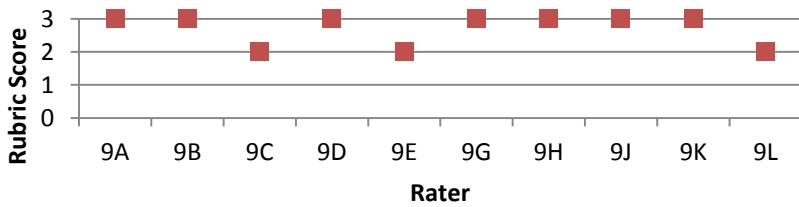
Student 33: Defines Research Question/Thesis



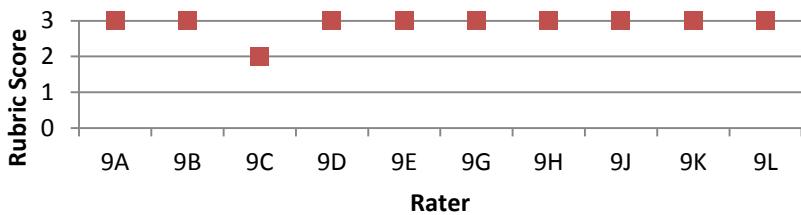
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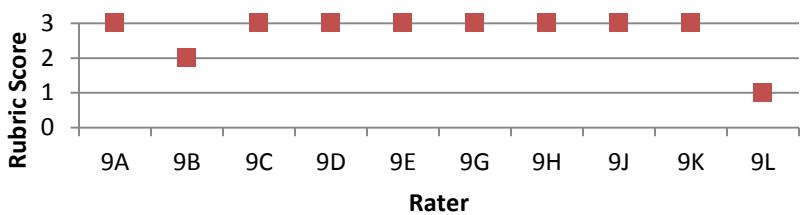
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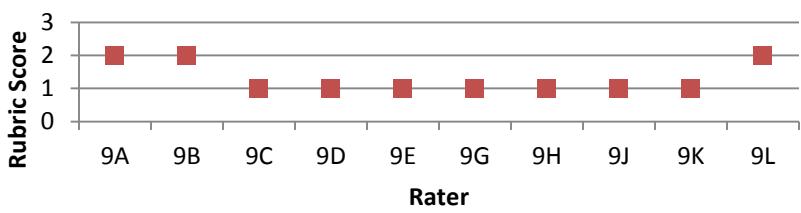
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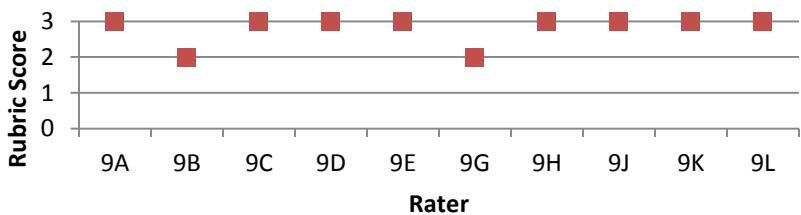
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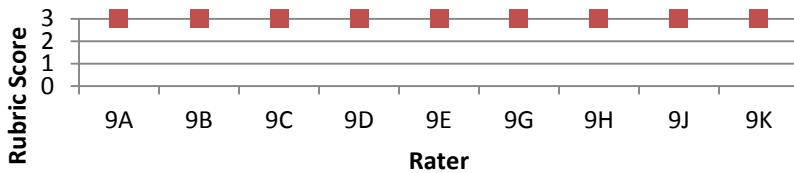
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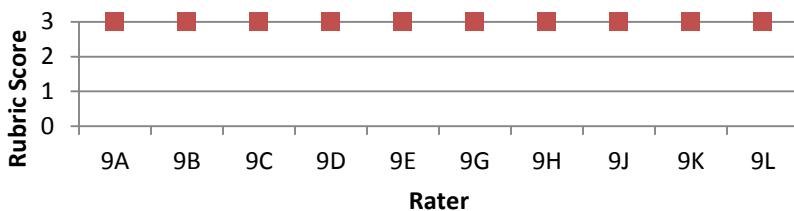
Student 39: Defines Research Question/Thesis



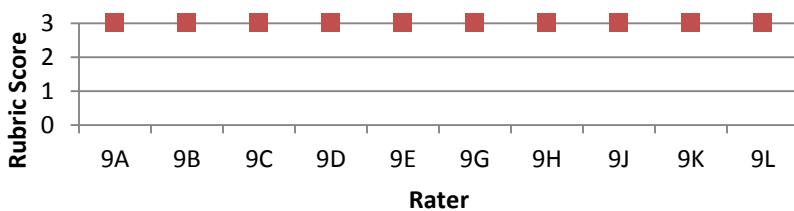
Student 40: Defines Research Question/Thesis



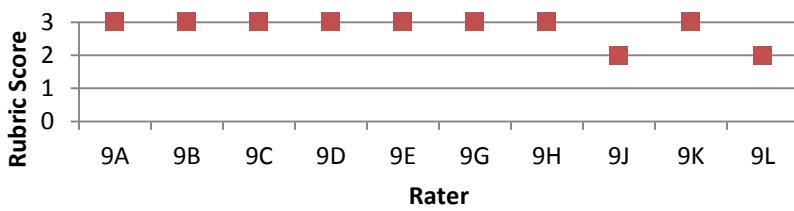
Student 41: Defines Research Question/Thesis



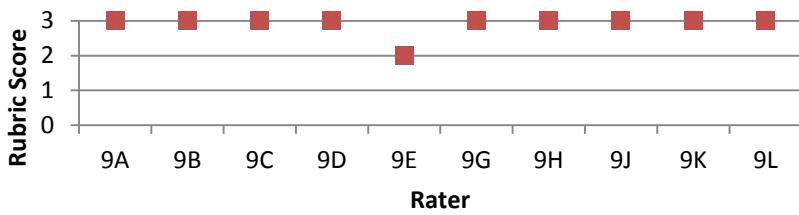
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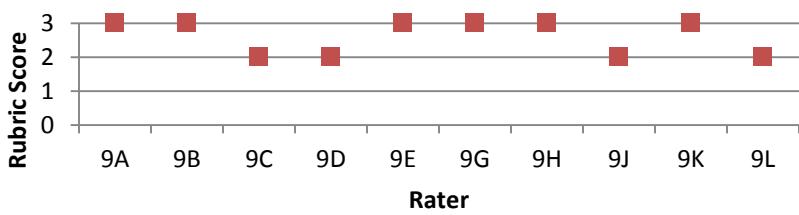
Student 43: Defines Research Question/Thesis



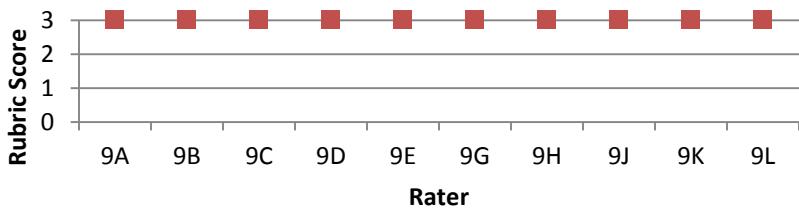
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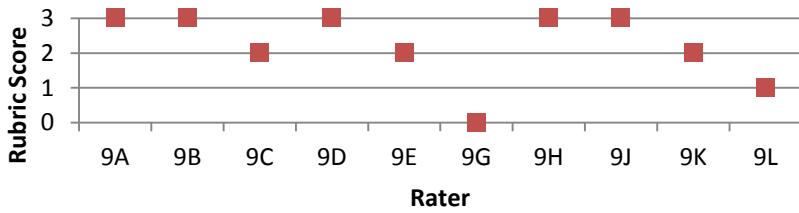
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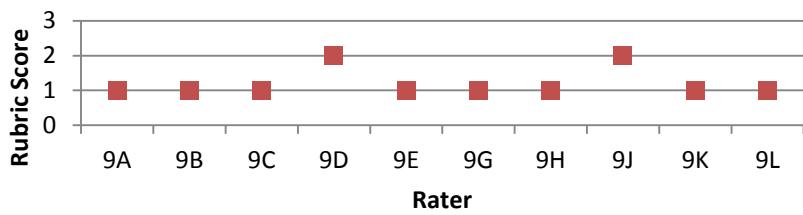
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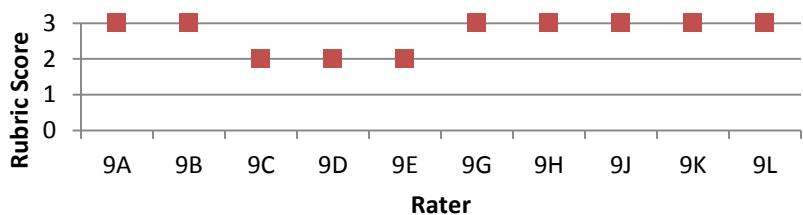
Student 47: Defines Research Question/Thesis



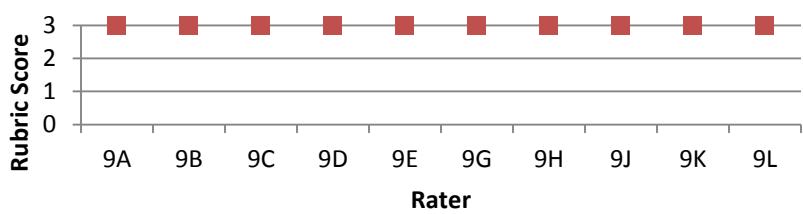
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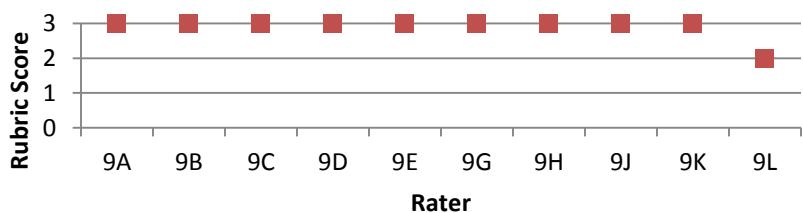
Student 49: Defines Research Question/Thesis



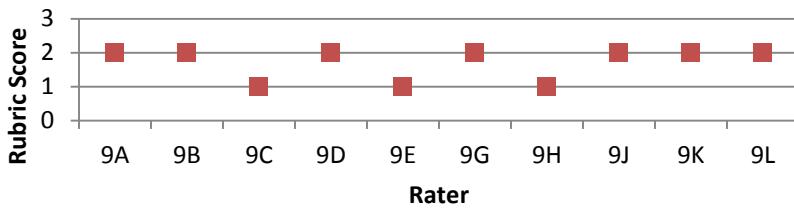
Student 50: Defines Research Question/Thesis



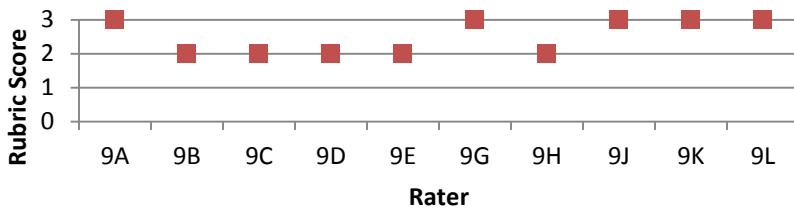
Student 51: Defines Research Question/Thesis



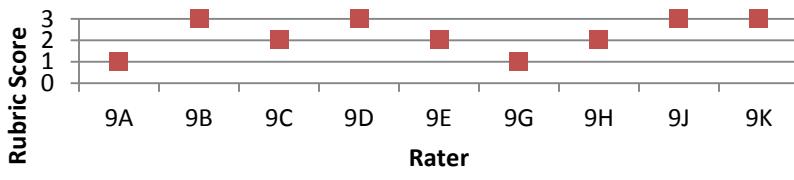
Student 52: Defines Research Question/Thesis



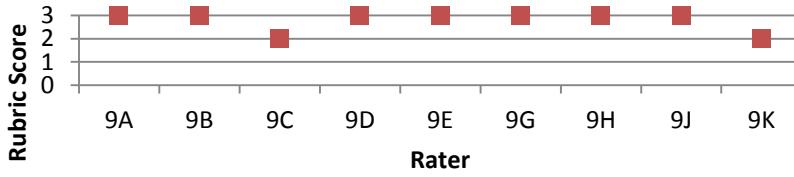
Student 53: Defines Research Question/Thesis



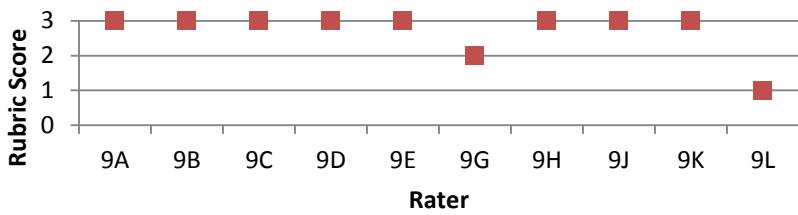
Student 54: Defines Research Question/Thesis



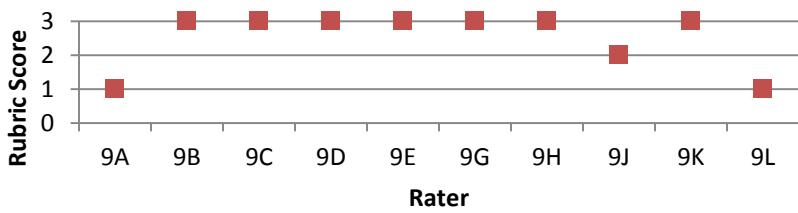
Student 55: Defines Research Question/Thesis



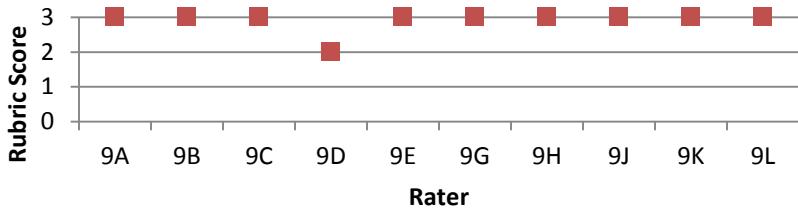
Student 56: Defines Research Question/Thesis



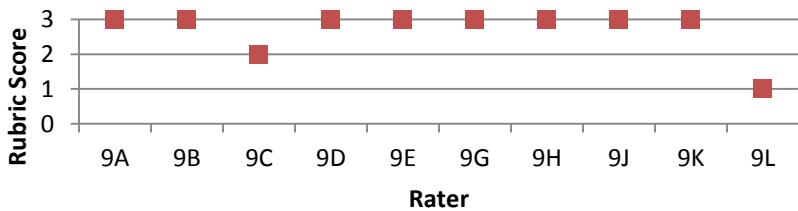
Student 57: Defines Research Question/Thesis



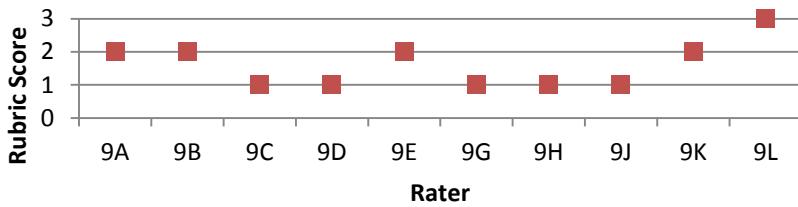
Student 58: Defines Research Question/Thesis



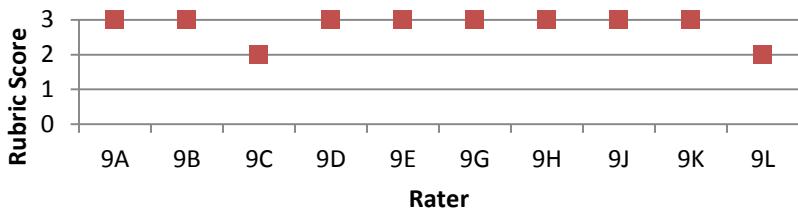
Student 59: Defines Research Question/Thesis



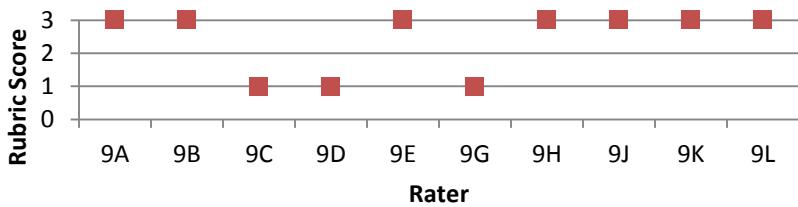
Student 60: Defines Research Question/Thesis



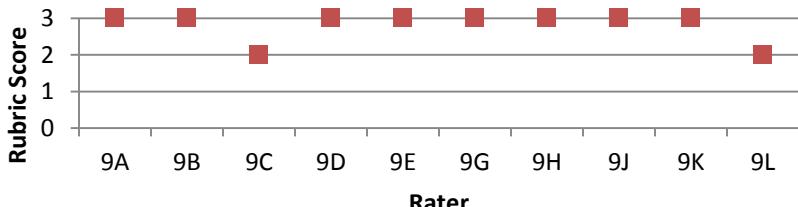
Student 61: Defines Research Question/Thesis



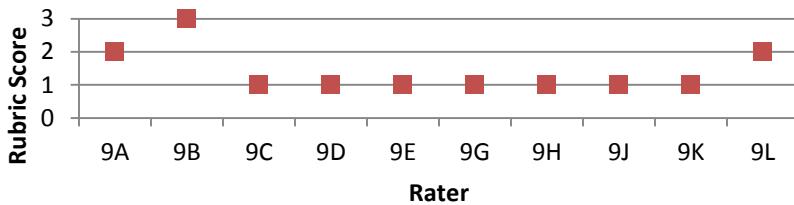
Student 62: Defines Research Question/Thesis



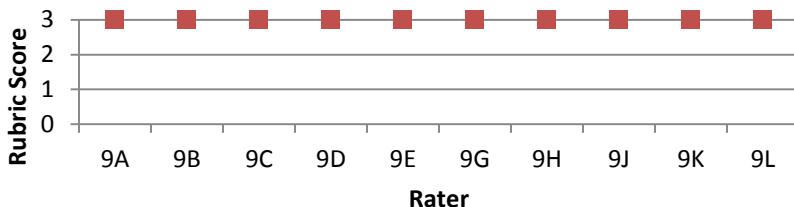
Student 63: Defines Research Question/Thesis



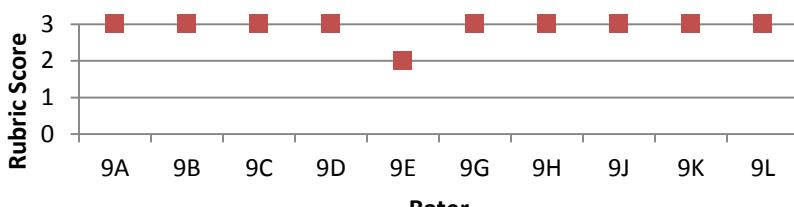
Student 64: Defines Research Question/Thesis



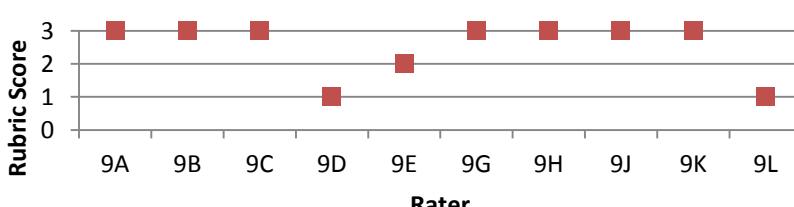
Student 65: Defines Research Question/Thesis



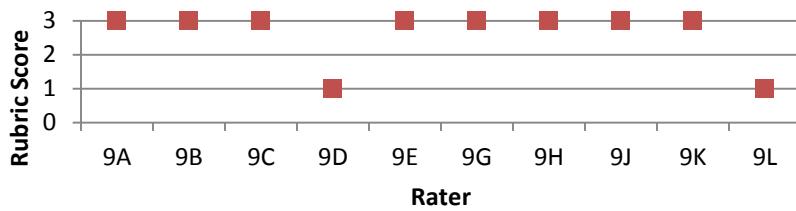
Student 66: Defines Research Question/Thesis



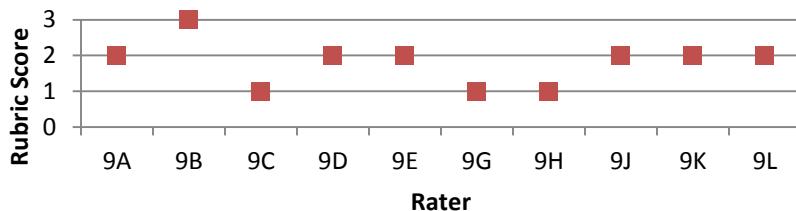
Student 67: Defines Research Question/Thesis



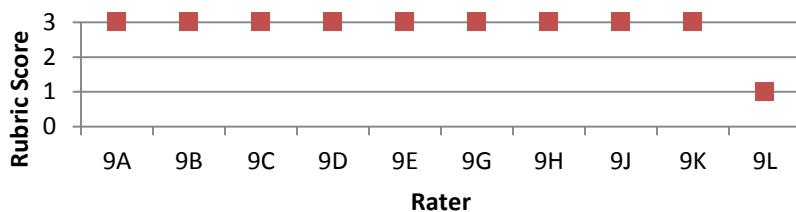
Student 68: Defines Research Question/Thesis



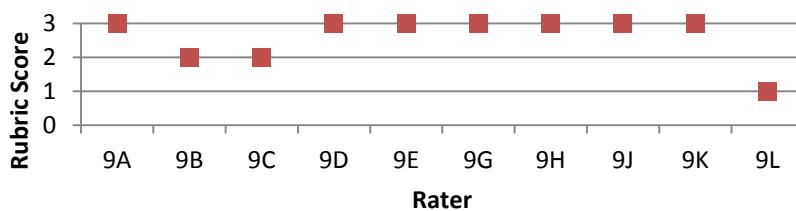
Student 69: Defines Research Question/Thesis



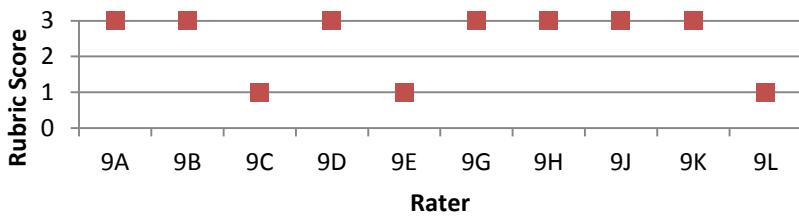
Student 70: Defines Research Question/Thesis



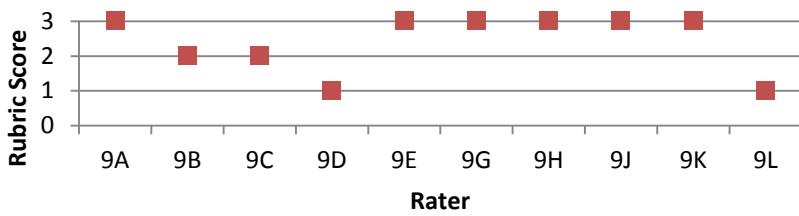
Student 71: Defines Research Question/Thesis



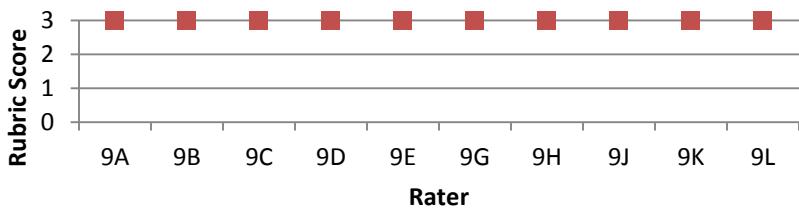
Student 72: Defines Research Question/Thesis



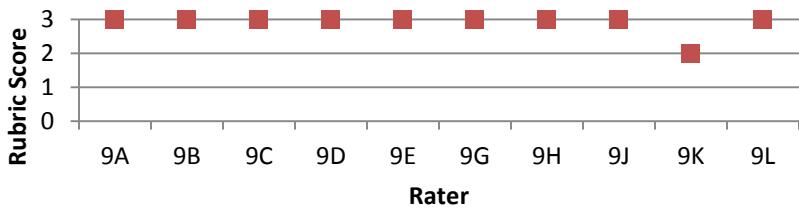
Student 73: Defines Research Question/Thesis



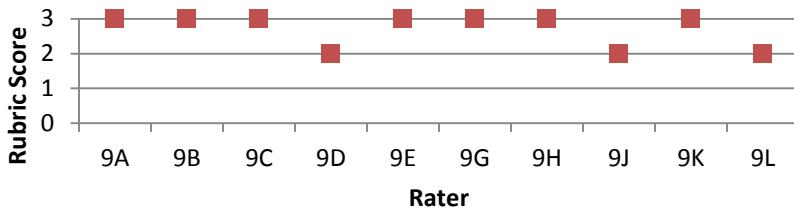
Student 74: Defines Research Question/Thesis



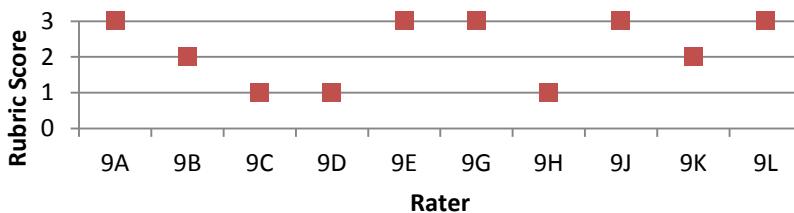
Student 75: Defines Research Question/Thesis



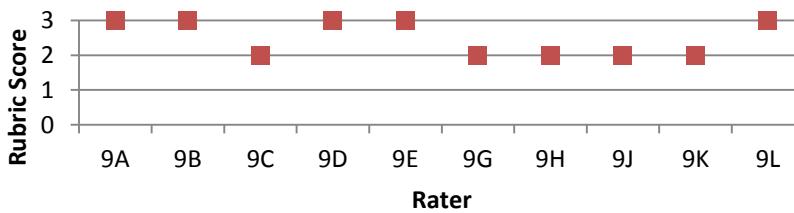
Student 76: Defines Research Question/Thesis



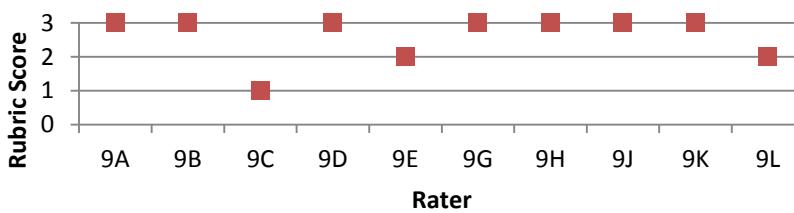
Student 77: Defines Research Question/Thesis



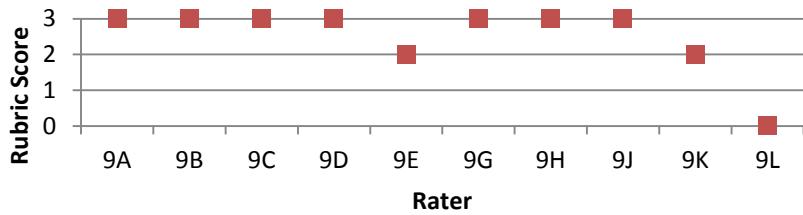
Student 78: Defines Research Question/Thesis



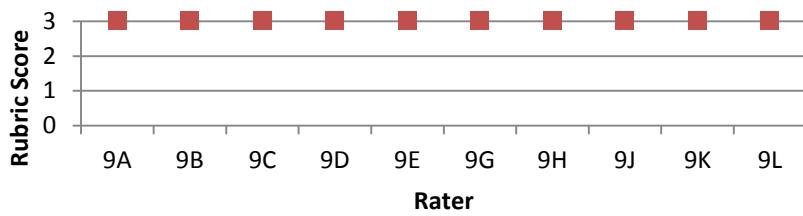
Student 79: Defines Research Question/Thesis



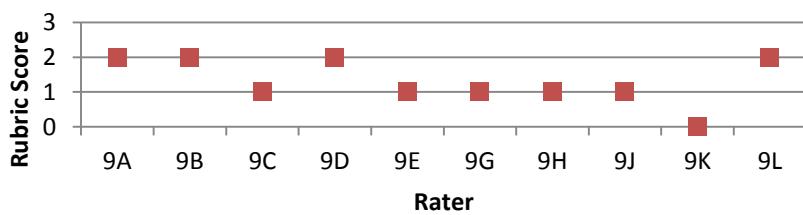
Student 80: Defines Research Question/Thesis



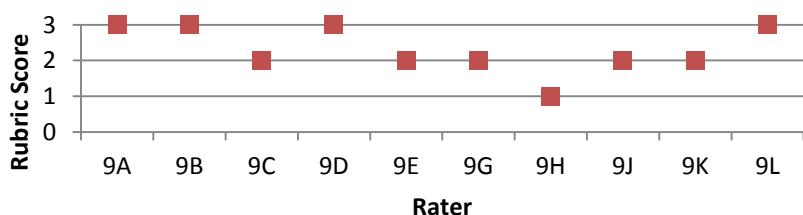
Student 81: Defines Research Question/Thesis



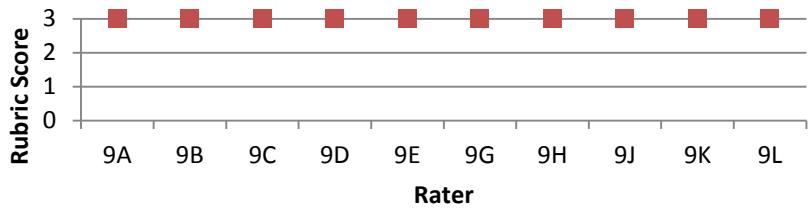
Student 82: Defines Research Question/Thesis



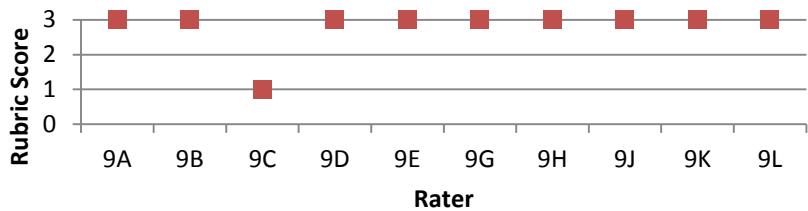
Student 83: Defines Research Question/Thesis



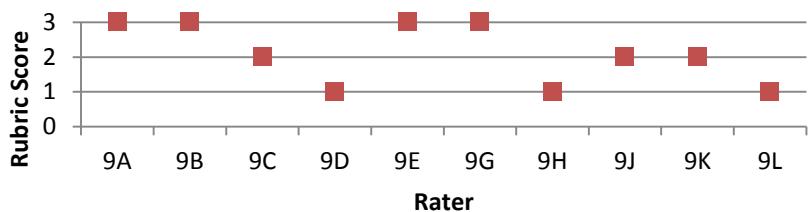
Student 84: Defines Research Question/Thesis



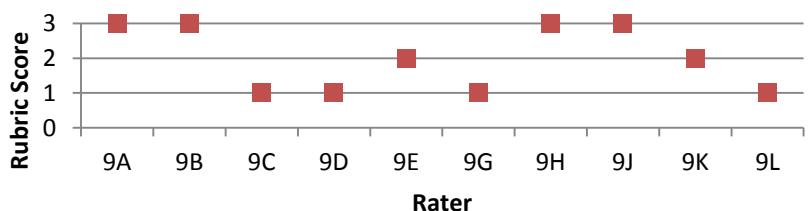
Student 85: Defines Research Question/Thesis



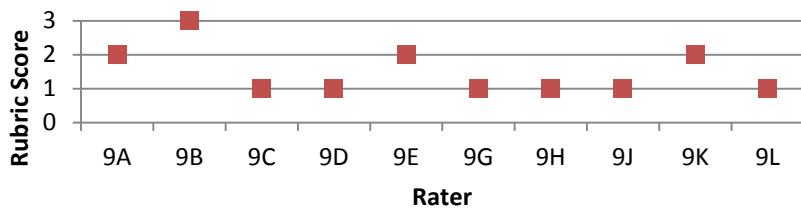
Student 86: Defines Research Question/Thesis



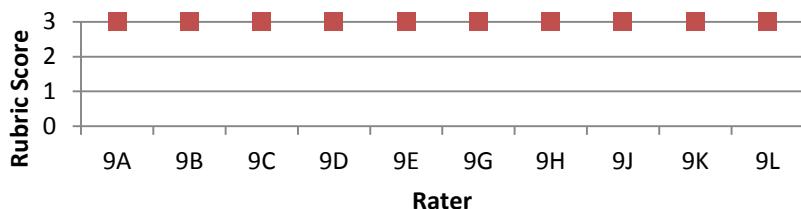
Student 87: Defines Research Question/Thesis



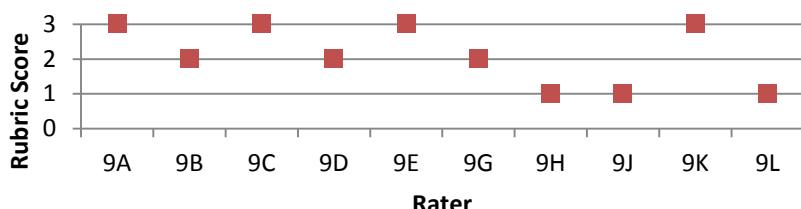
Student 88: Defines Research Question/Thesis



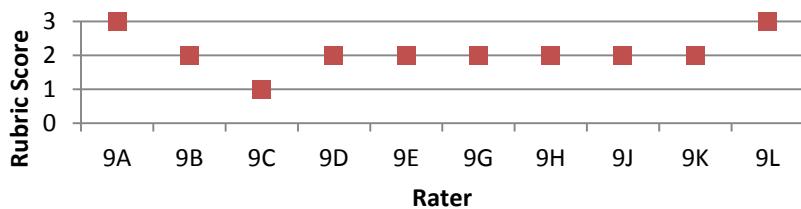
Student 89: Defines Research Question/Thesis



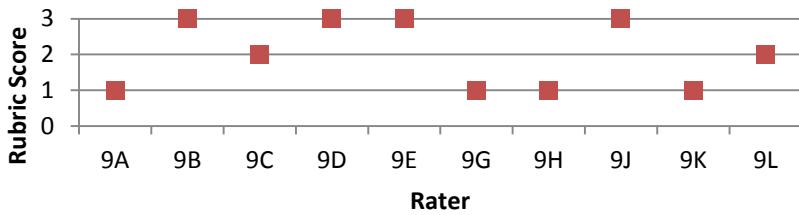
Student 90: Defines Research Question/Thesis



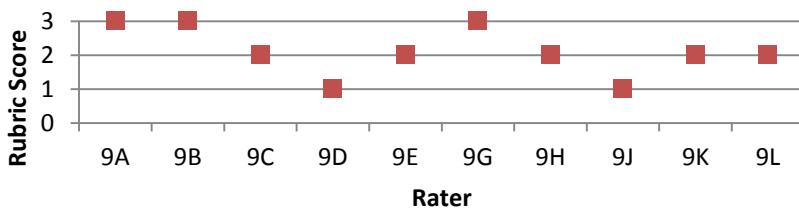
Student 91: Defines Research Question/Thesis



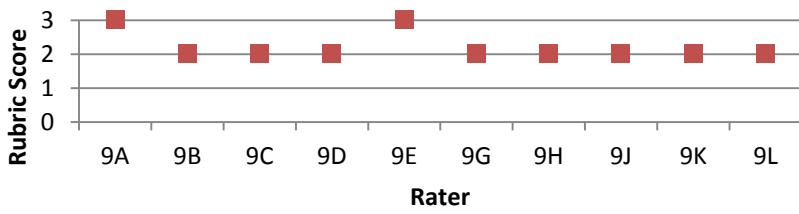
Student 92: Defines Research Question/Thesis



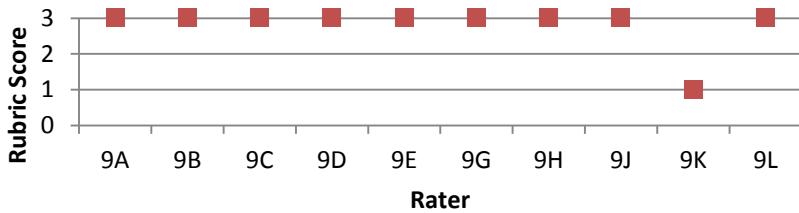
Student 93: Defines Research Question/Thesis



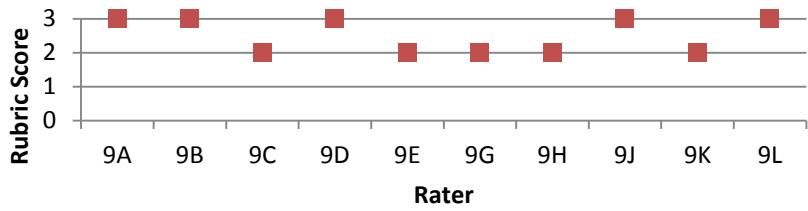
Student 94: Defines Research Question/Thesis



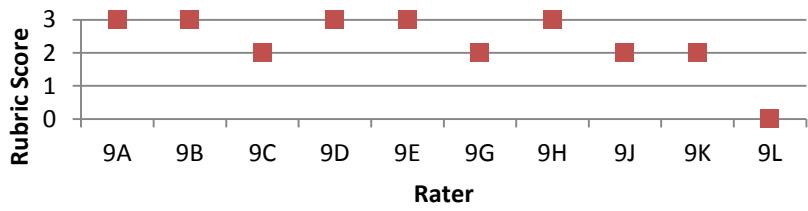
Student 95: Defines Research Question/Thesis



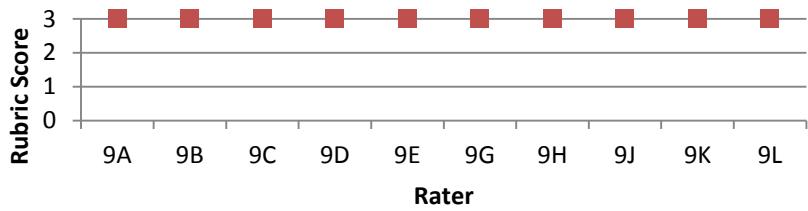
Student 96: Defines Research Question/Thesis



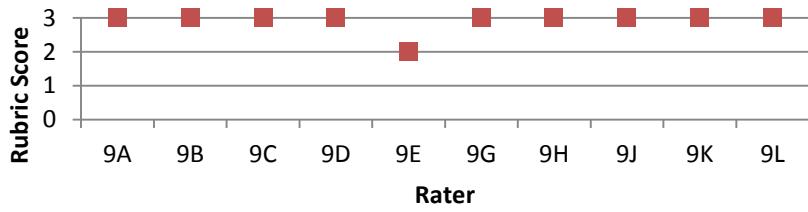
Student 97: Defines Research Question/Thesis



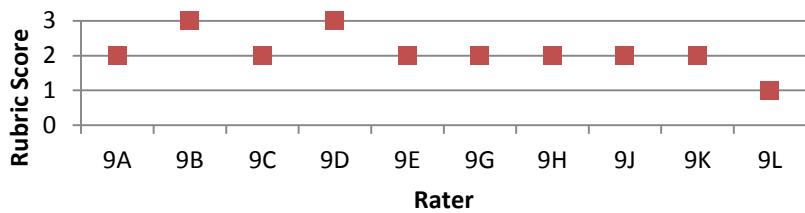
Student 98: Defines Research Question/Thesis



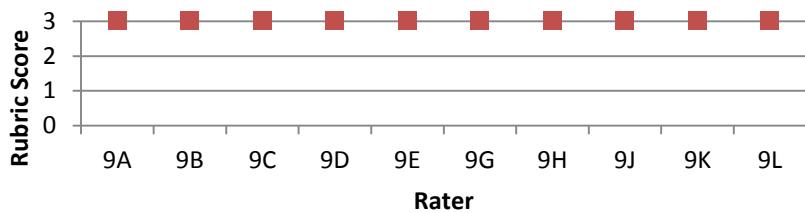
Student 99: Defines Research Question/Thesis



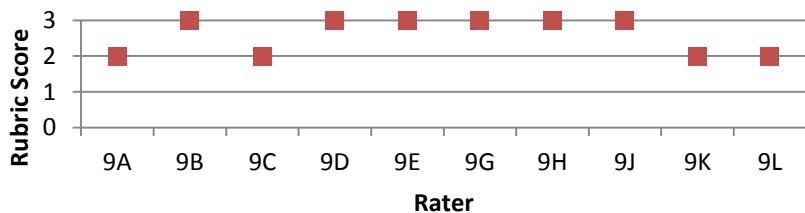
Student 100: Defines Research Question/Thesis



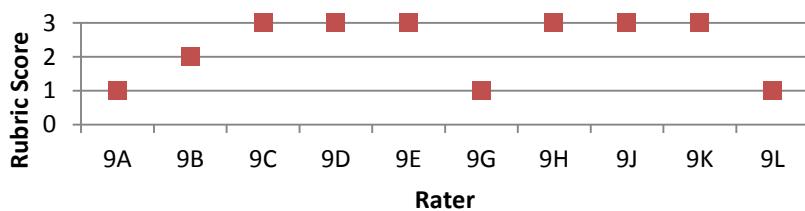
Student 1: Determines Key Concepts



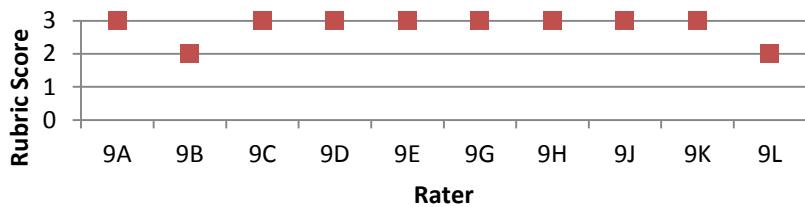
Student 2: Determines Key Concepts



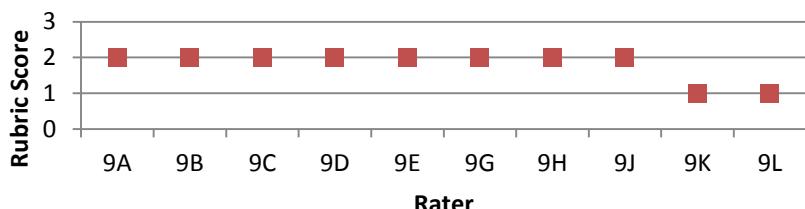
Student 3: Determines Key Concepts



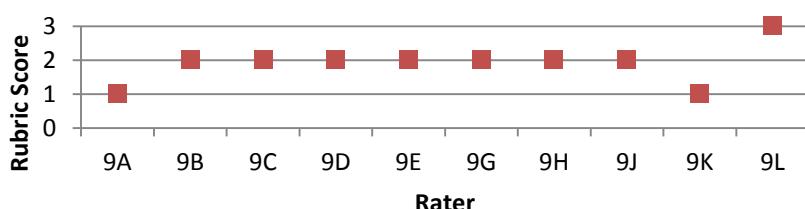
Student 4: Determines Key Concepts



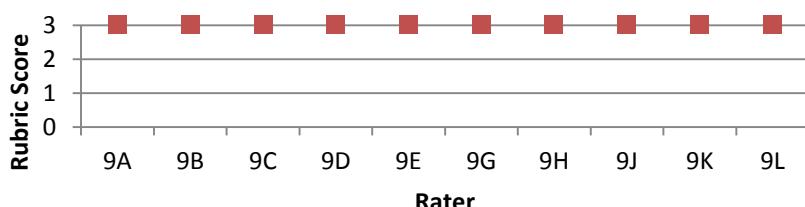
Student 5: Determines Key Concepts



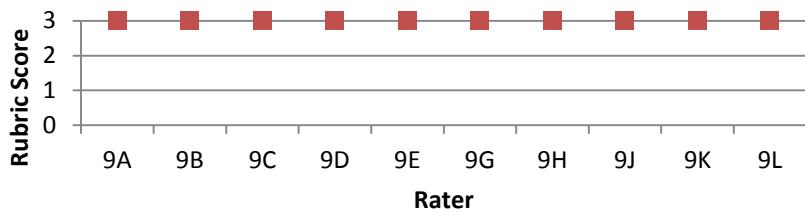
Student 6: Determines Key Concepts



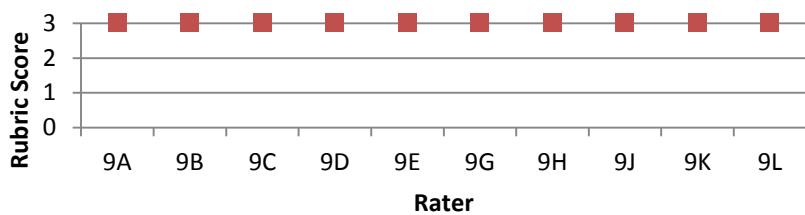
Student 7: Determines Key Concepts



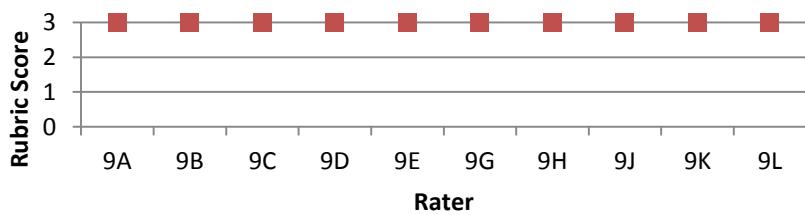
Student 8: Determines Key Concepts



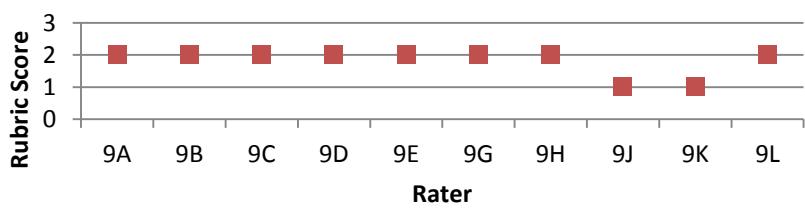
Student 9: Determines Key Concepts



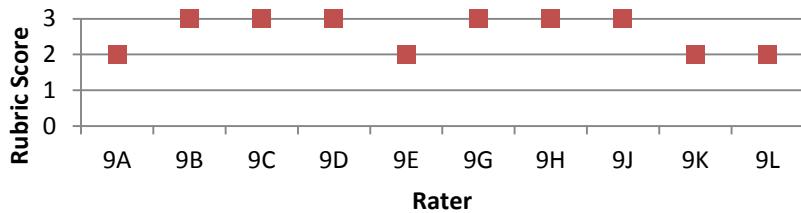
Student 10: Determines Key Concepts



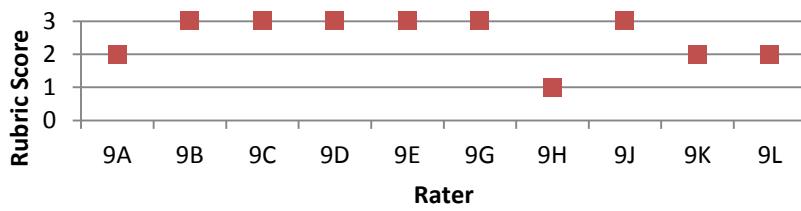
Student 11: Determines Key Concepts



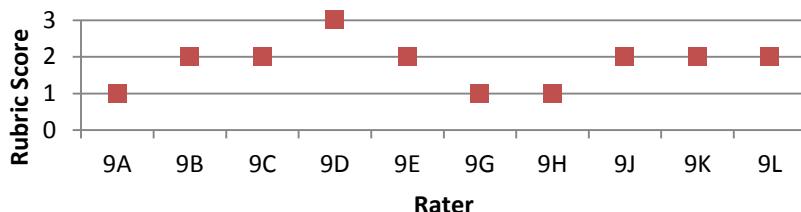
Student 12: **Determines Key Concepts**



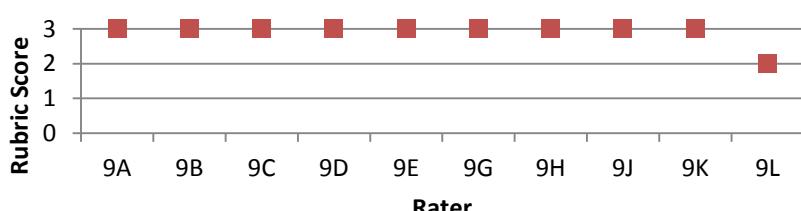
Student 13: **Determines Key Concepts**



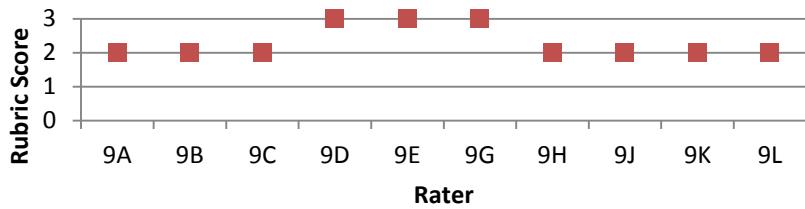
Student 14: **Determines Key Concepts**



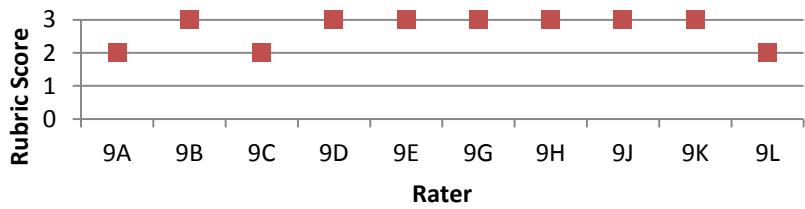
Student 15: **Determines Key Concepts**



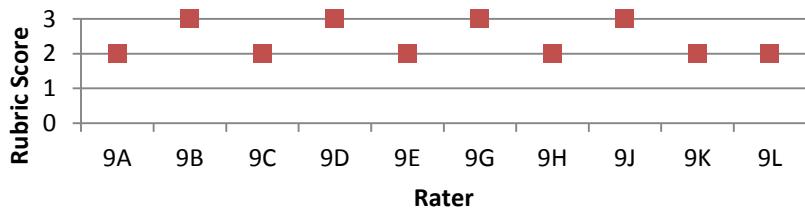
Student 16: **Determines Key Concepts**



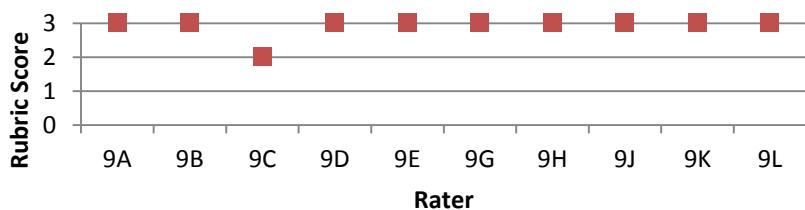
Student 17: **Determines Key Concepts**



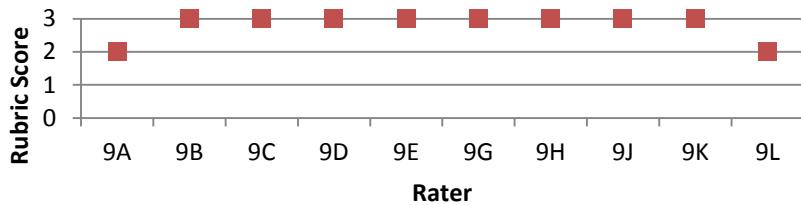
Student 18: **Determines Key Concepts**



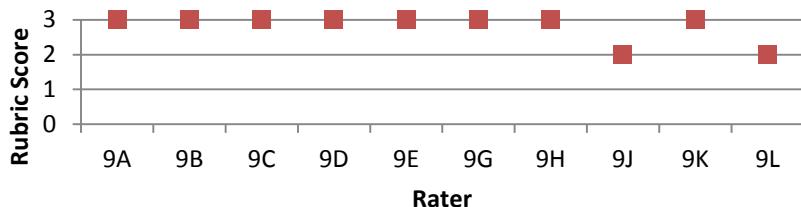
Student 19: **Determines Key Concepts**



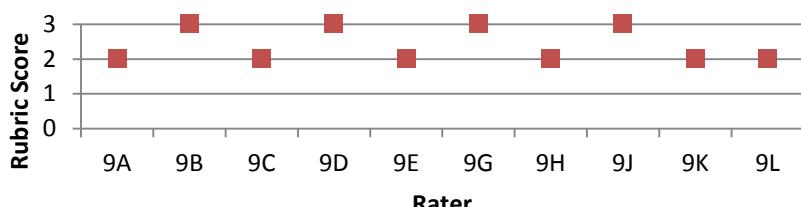
Student 20:
Determines Key Concepts



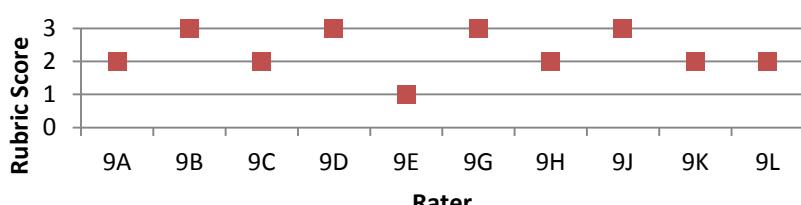
Student 21:
Determines Key Concepts

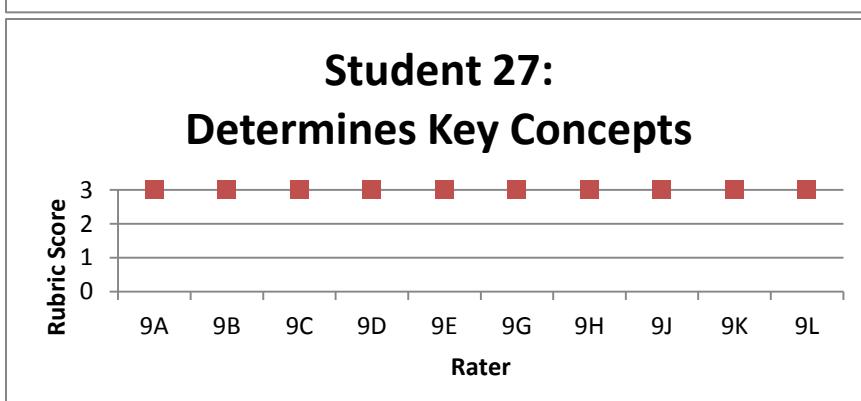
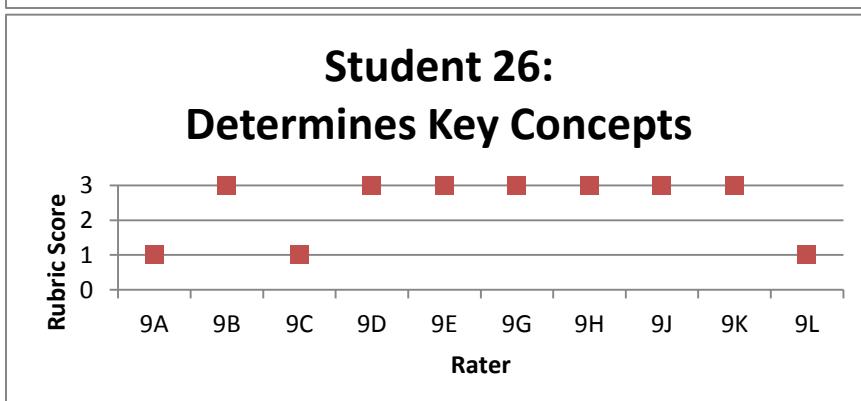
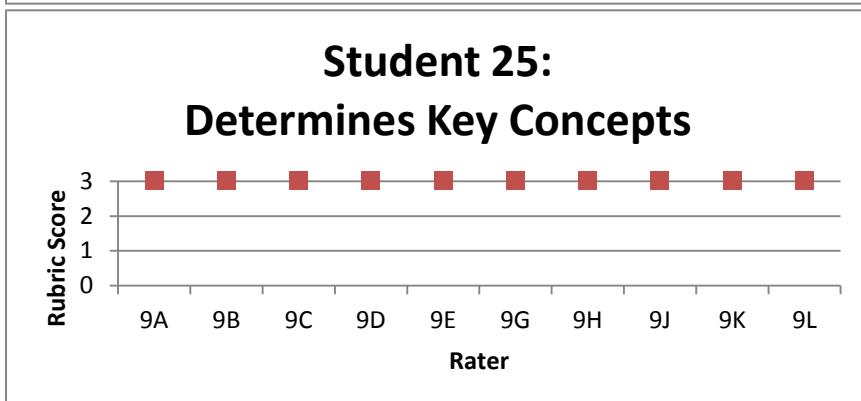
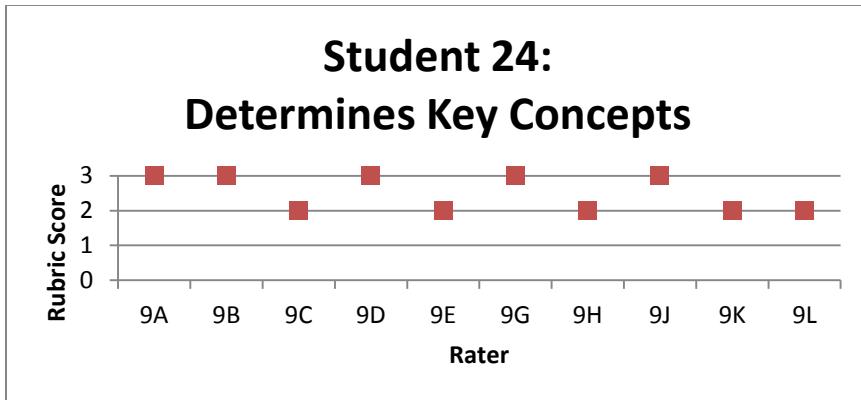


Student 22:
Determines Key Concepts

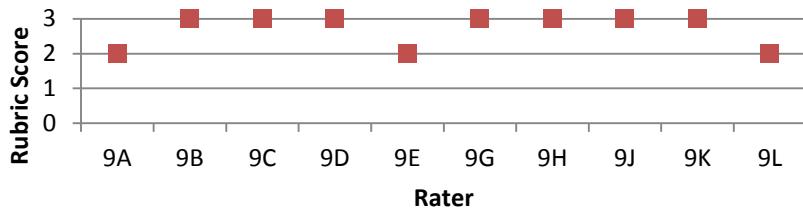


Student 23:
Determines Key Concepts

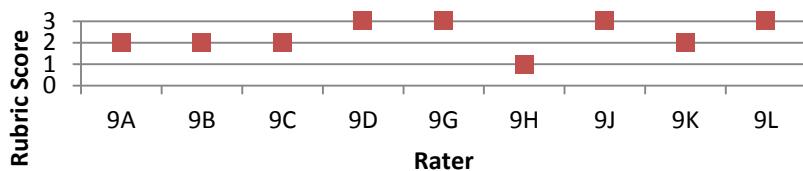




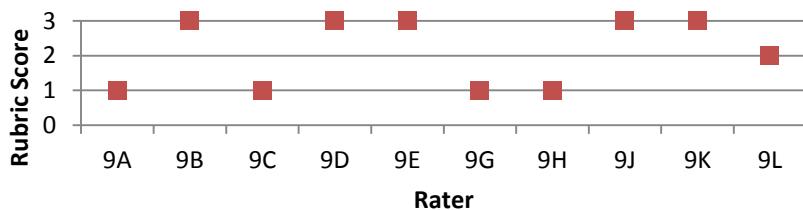
Student 28: **Determines Key Concepts**



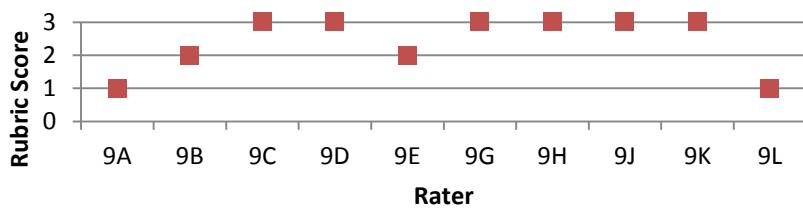
Student 29: **Determines Key Concepts**



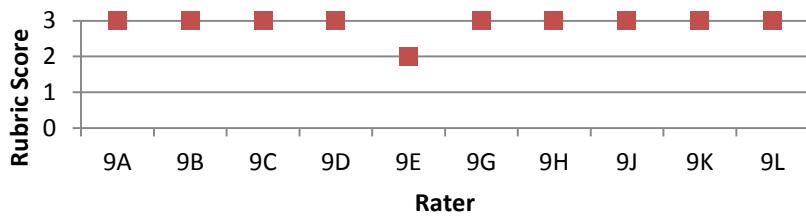
Student 30: **Determines Key Concepts**



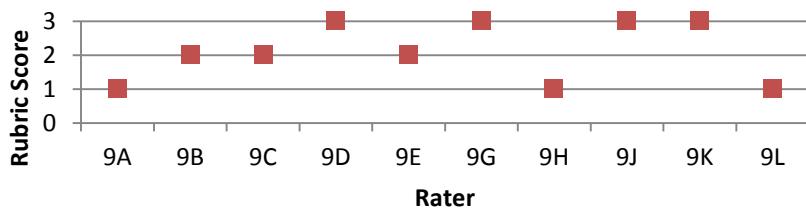
Student 31: **Determines Key Concepts**



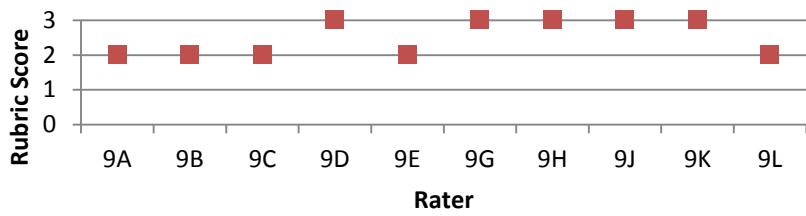
Student 32: **Determines Key Concepts**



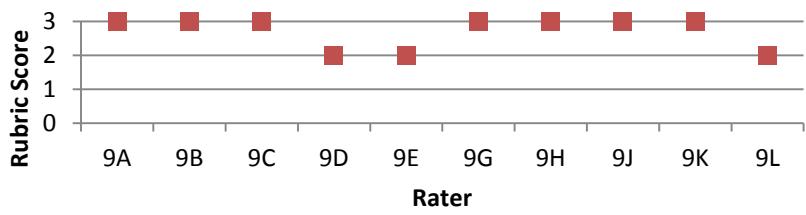
Student 33: **Determines Key Concepts**



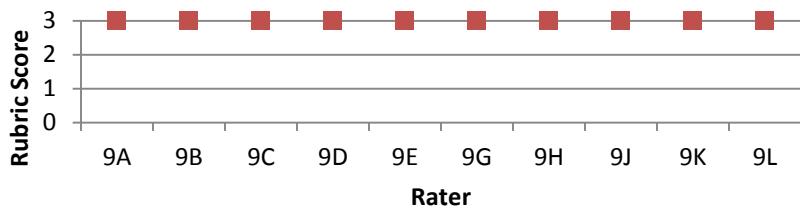
Student 34: **Determines Key Concepts**



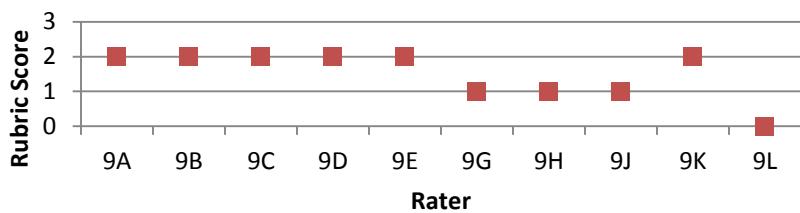
Student 35: **Determines Key Concepts**



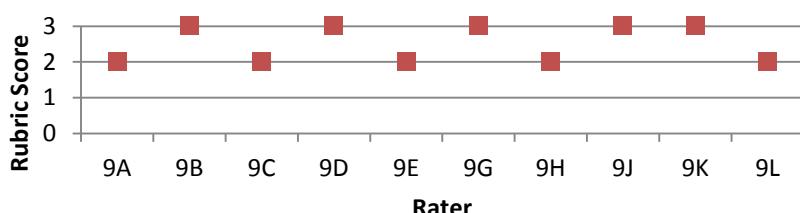
Student 36: **Determines Key Concepts**



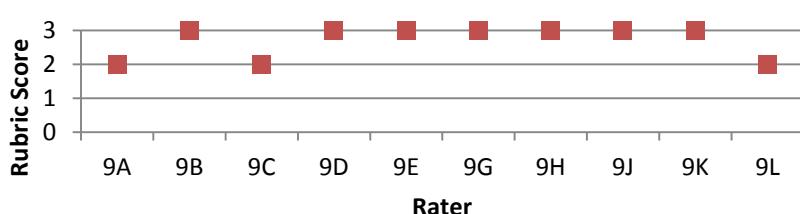
Student 37: **Determines Key Concepts**



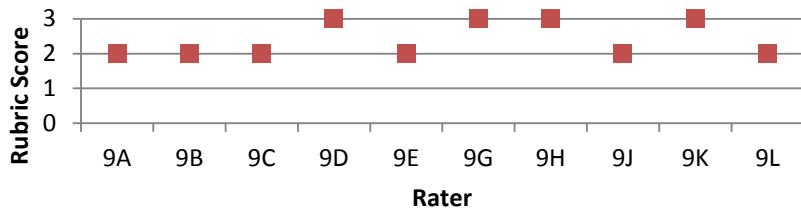
Student 38: **Determines Key Concepts**



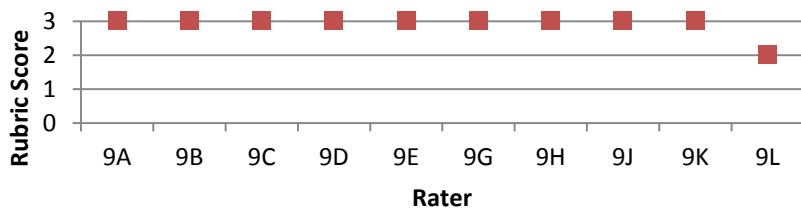
Student 39: **Determines Key Concepts**



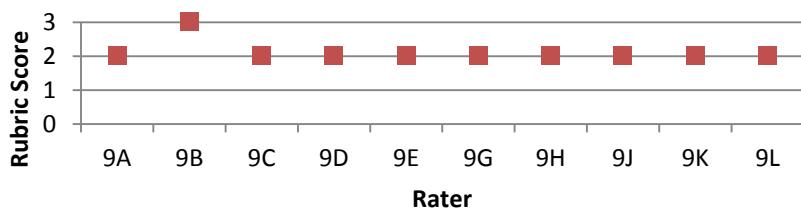
Student 40: **Determines Key Concepts**



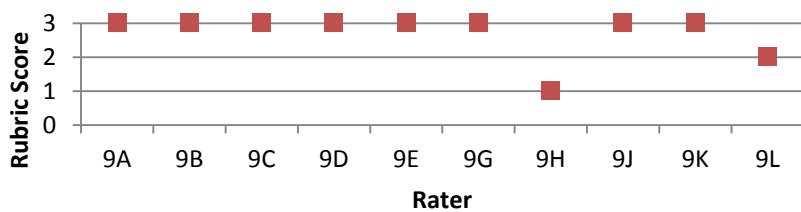
Student 41: **Determines Key Concepts**



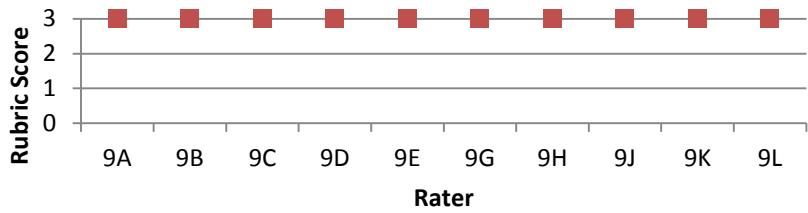
Student 42: **Determines Key Concepts**



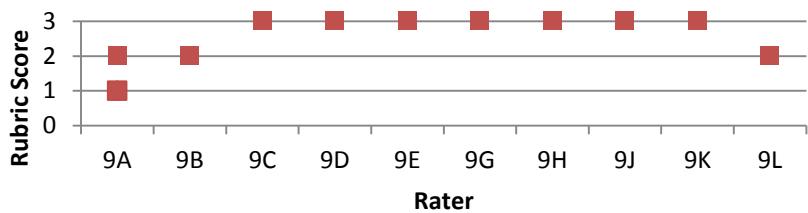
Student 43: **Determines Key Concepts**



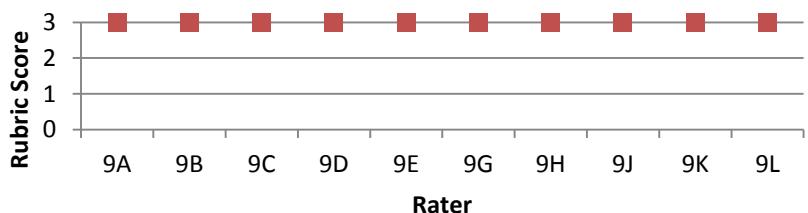
Student 44: **Determines Key Concepts**



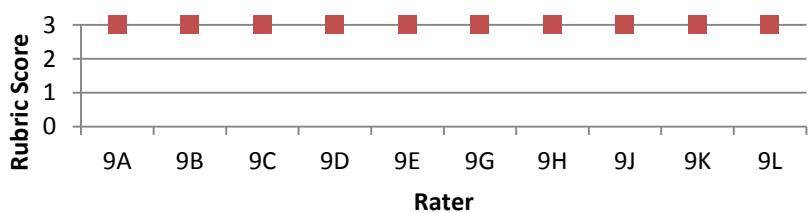
Student 45: **Determines Key Concepts**



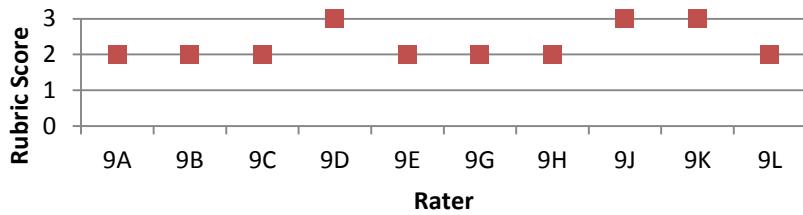
Student 46: **Determines Key Concepts**



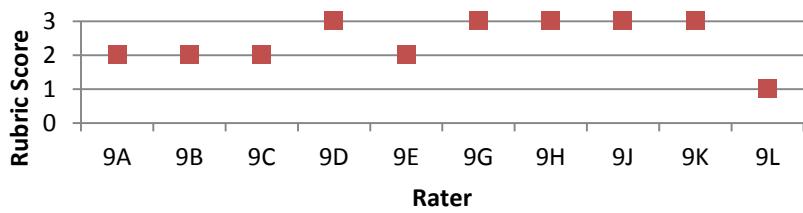
Student 47: **Determines Key Concepts**



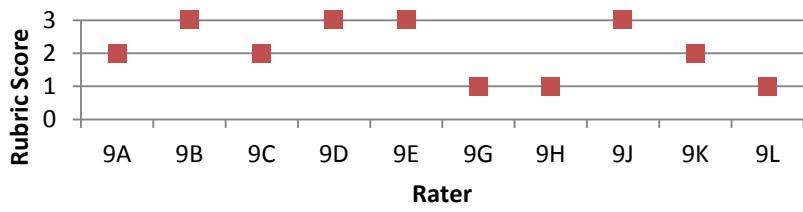
Student 48: **Determines Key Concepts**



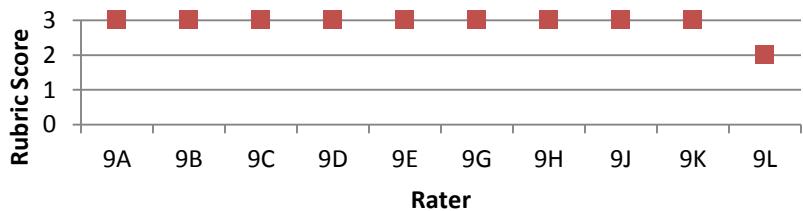
Student 49: **Determines Key Concepts**



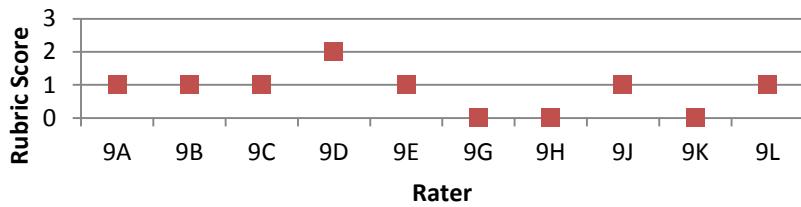
Student 50: **Determines Key Concepts**



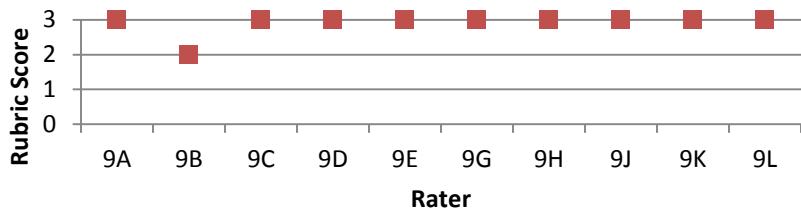
Student 51: **Determines Key Concepts**



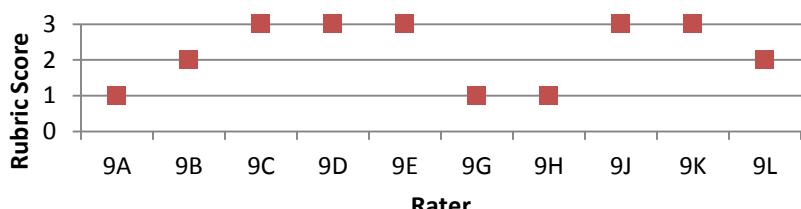
Student 52: **Determines Key Concepts**



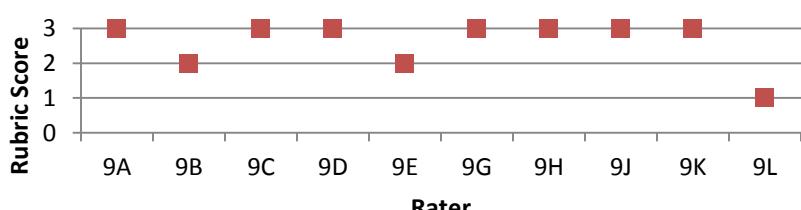
Student 53: **Determines Key Concepts**



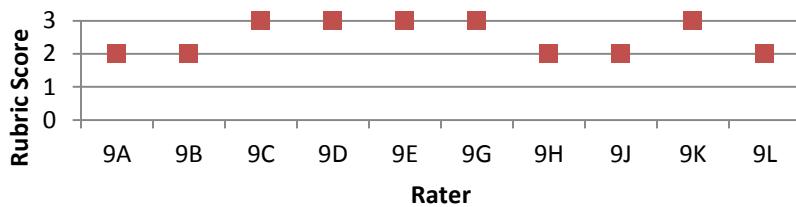
Student 54: **Determines Key Concepts**



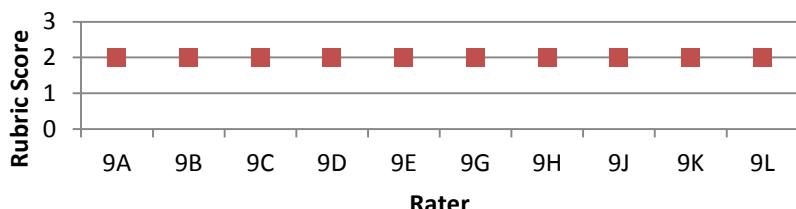
Student 55: **Determines Key Concepts**



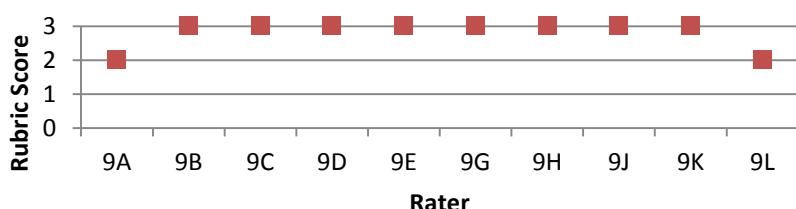
Student 56: **Determines Key Concepts**



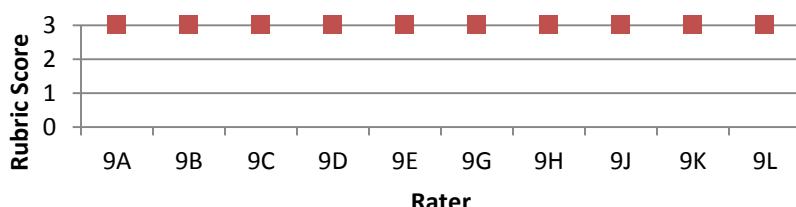
Student 57: **Determines Key Concepts**



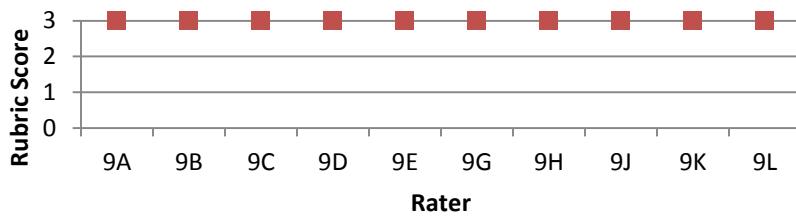
Student 58: **Determines Key Concepts**



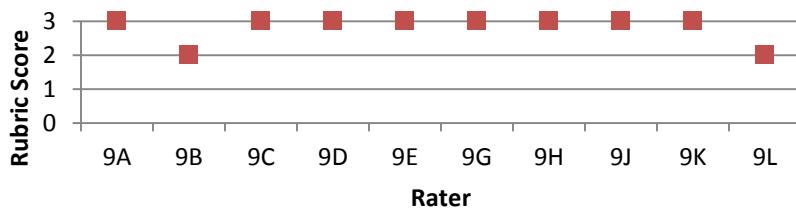
Student 59: **Determines Key Concepts**



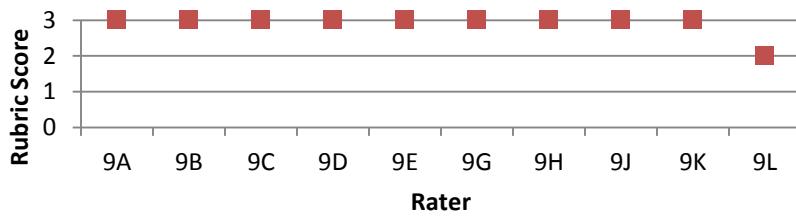
Student 60: **Determines Key Concepts**



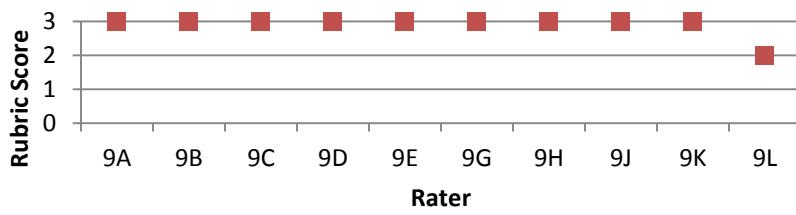
Student 61: **Determines Key Concepts**



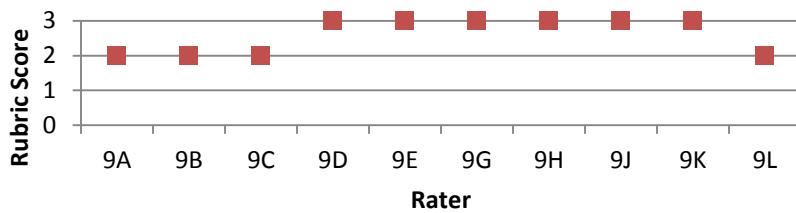
Student 62: **Determines Key Concepts**



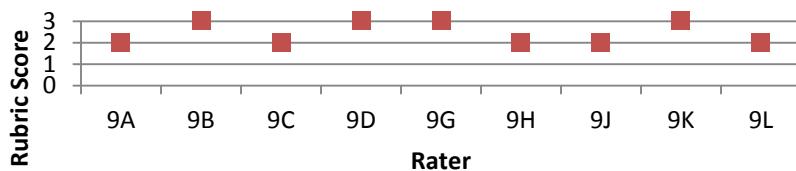
Student 63: **Determines Key Concepts**



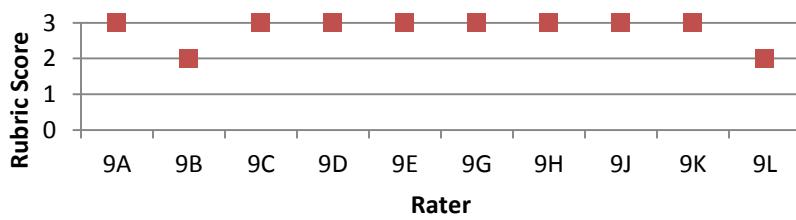
Student 64: **Determines Key Concepts**



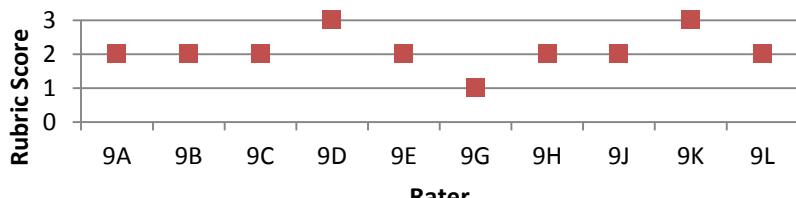
Student 65: **Determines Key Concepts**



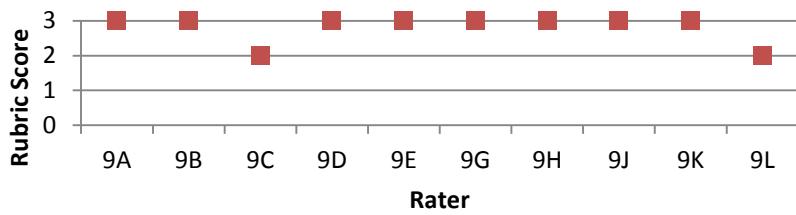
Student 66: **Determines Key Concepts**



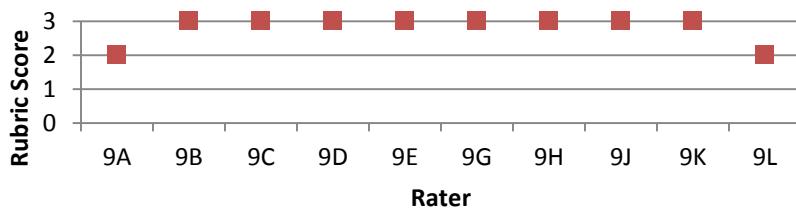
Student 67: **Determines Key Concepts**



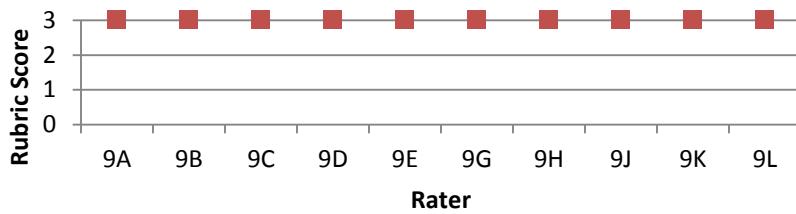
Student 68: **Determines Key Concepts**



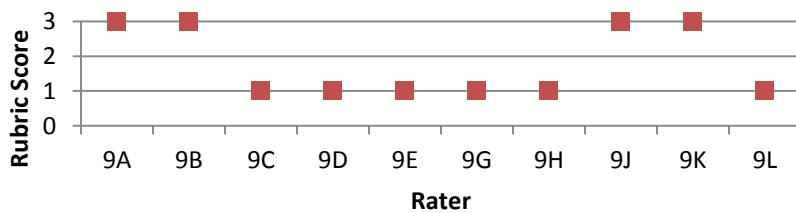
Student 69: **Determines Key Concepts**



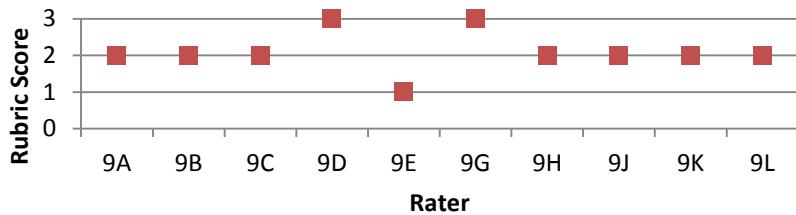
Student 70: **Determines Key Concepts**



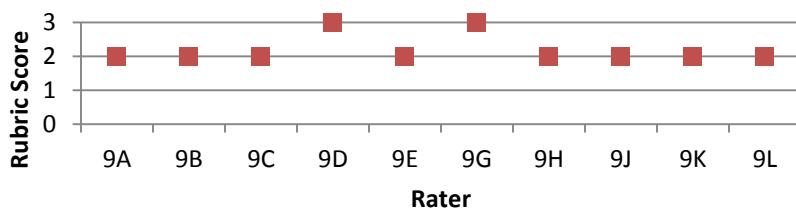
Student 71: **Determines Key Concepts**



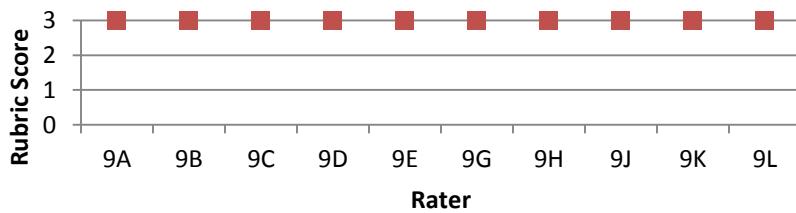
Student 72: **Determines Key Concepts**



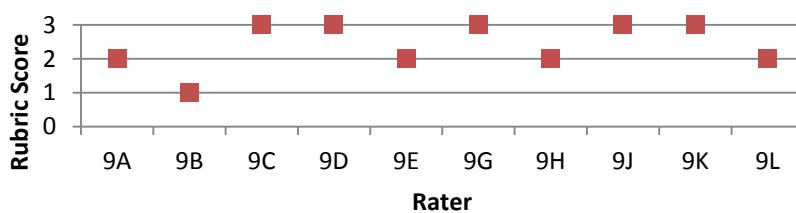
Student 73: **Determines Key Concepts**



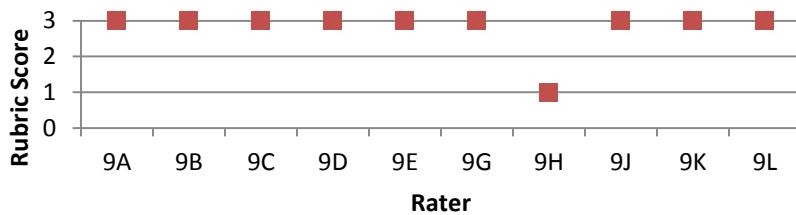
Student 74: **Determines Key Concepts**



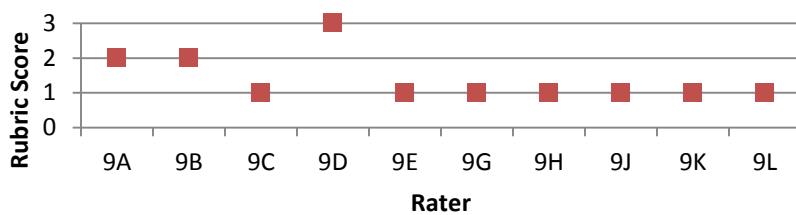
Student 75: **Determines Key Concepts**



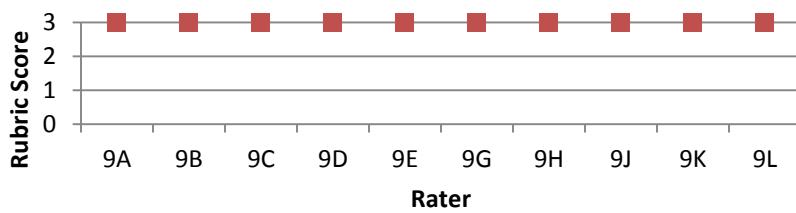
Student 76: **Determines Key Concepts**



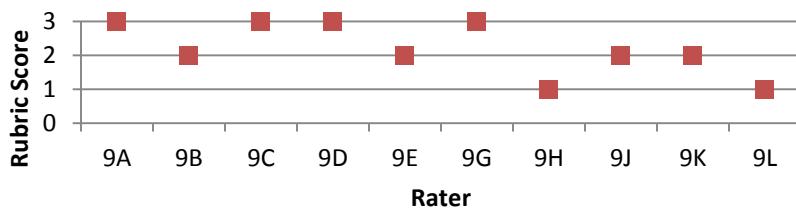
Student 77: **Determines Key Concepts**

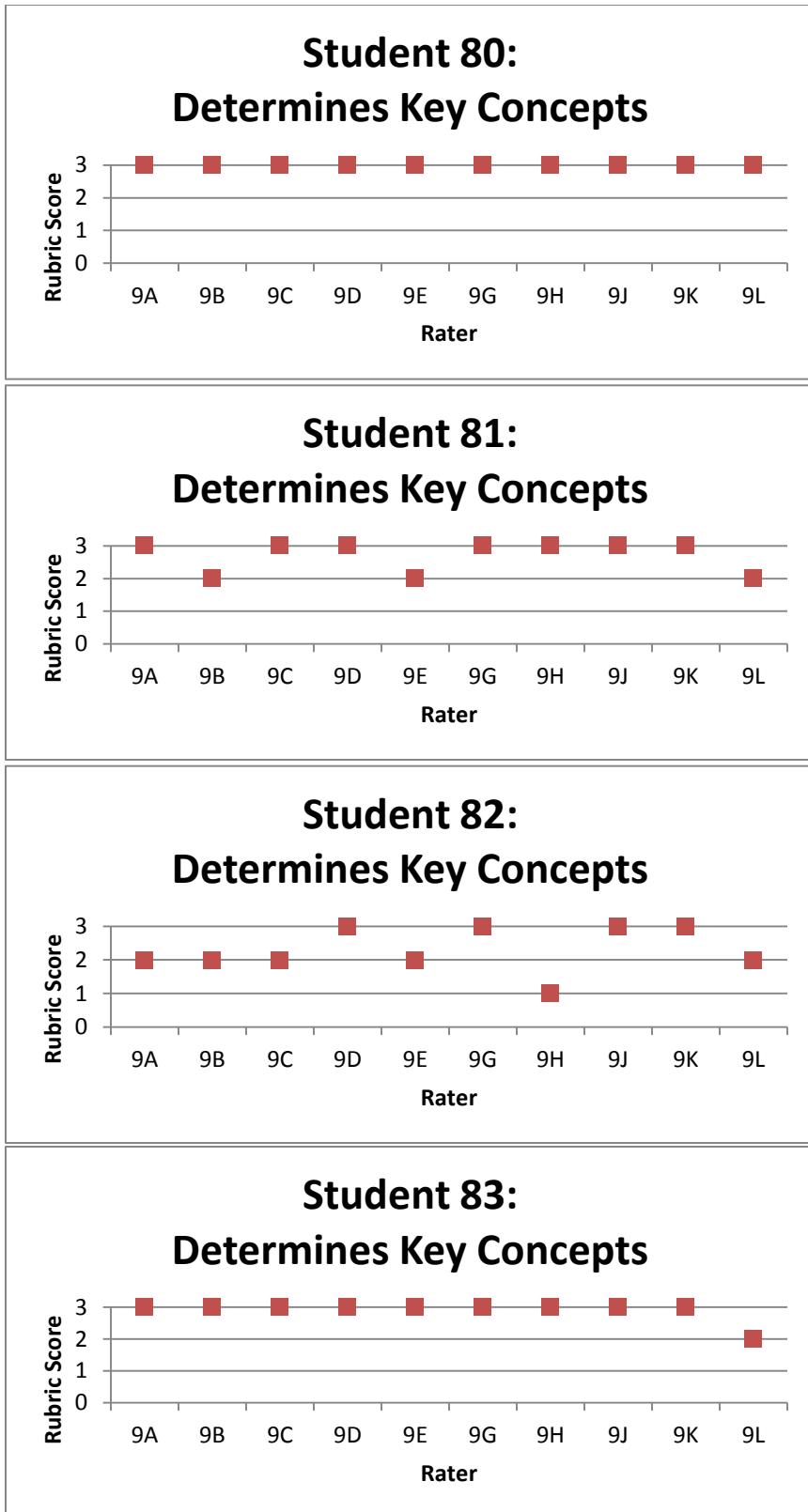


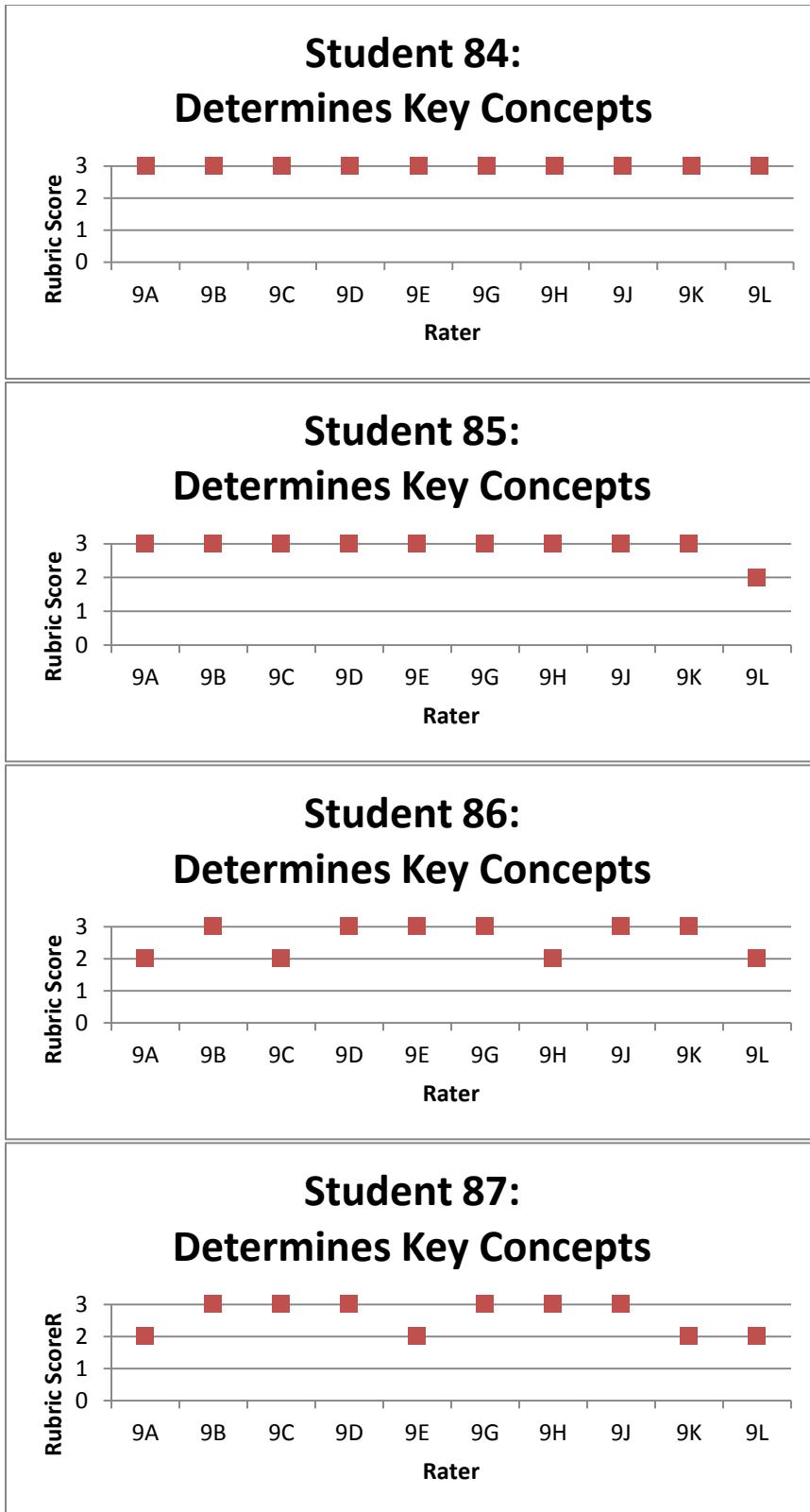
Student 78: **Determines Key Concepts**



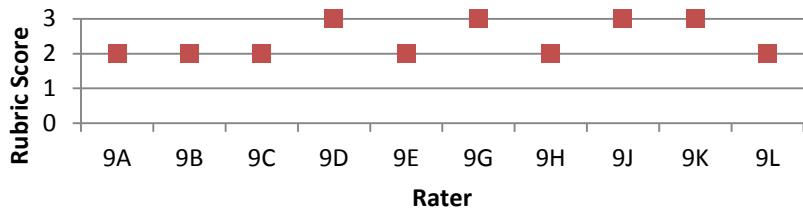
Student 79: **Determines Key Concepts**



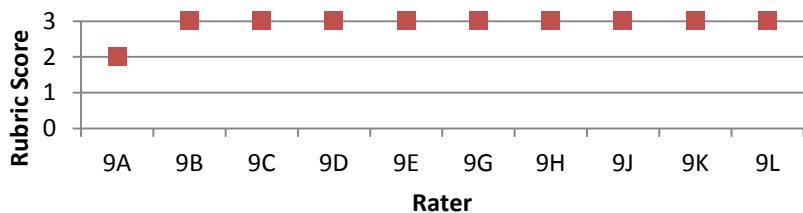




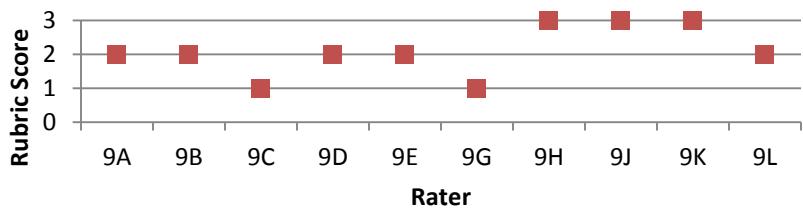
Student 88:
Determines Key Concepts



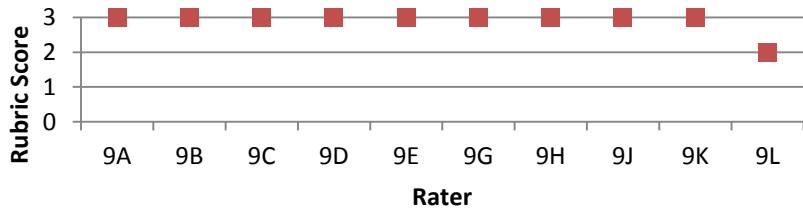
Student 89:
Determines Key Concepts



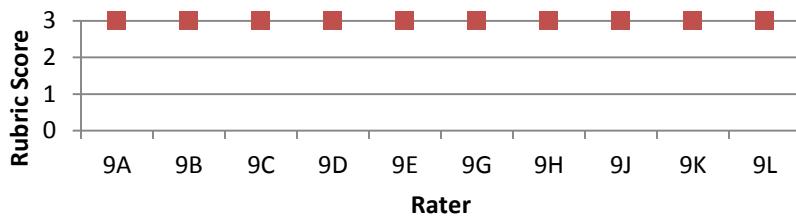
Student 90:
Determines Key Concepts



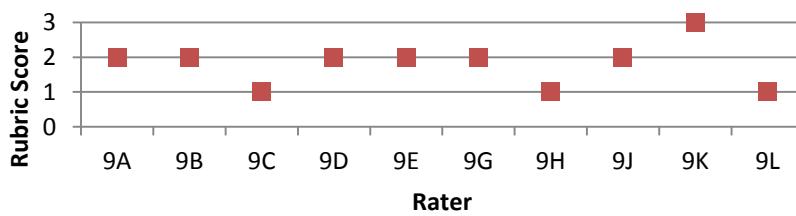
Student 91:
Determines Key Concepts



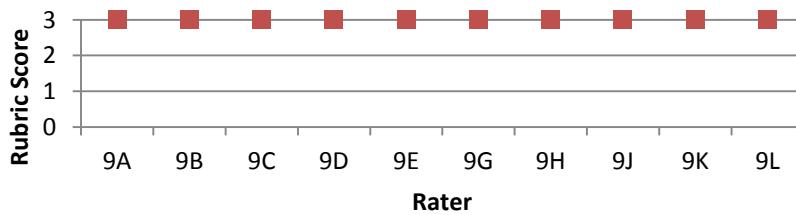
Student 92: **Determines Key Concepts**



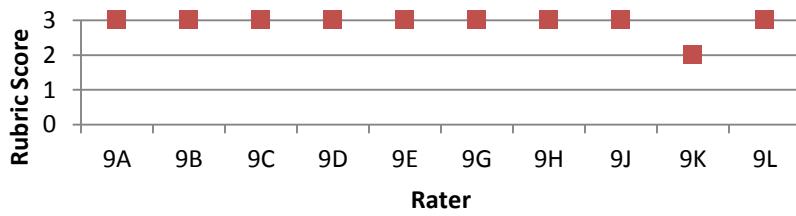
Student 93: **Determines Key Concepts**



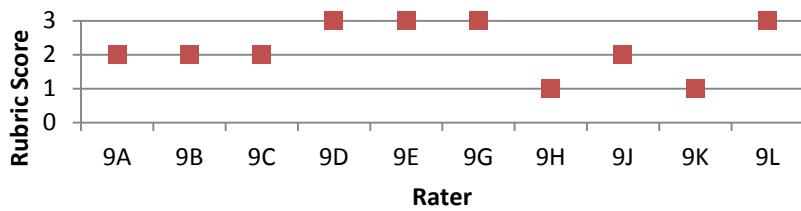
Student 94: **Determines Key Concepts**



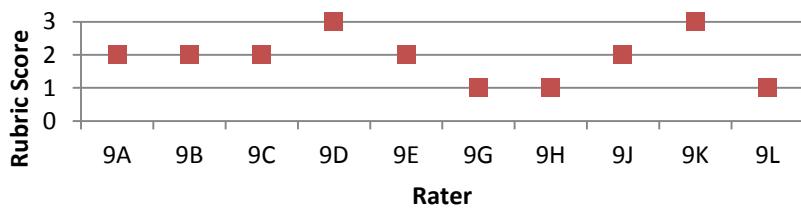
Student 95: **Determines Key Concepts**



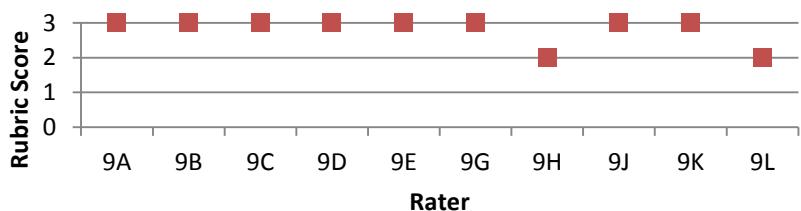
Student 96: **Determines Key Concepts**



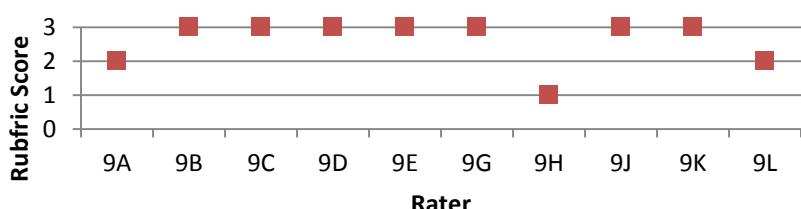
Student 97: **Determines Key Concepts**



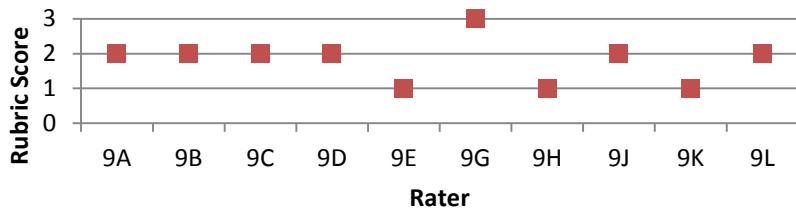
Student 98: **Determines Key Concepts**



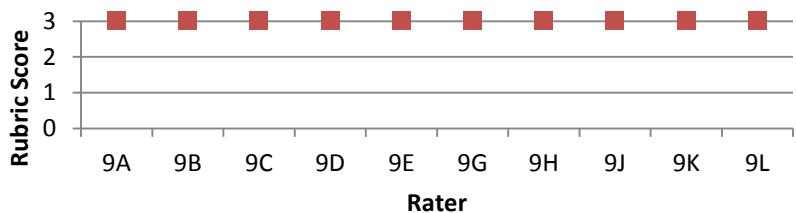
Student 99: **Determines Key Concepts**



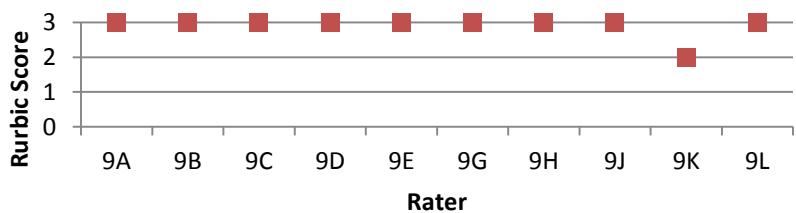
Student 100: Determines Key Concepts



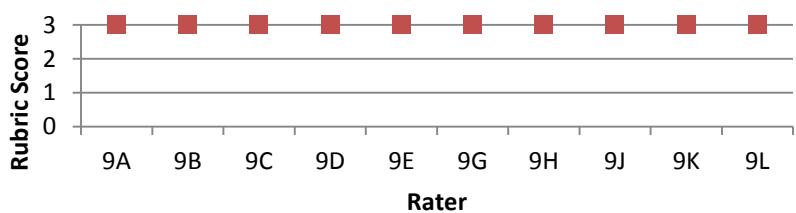
Student 1: Identifies Subject- Relevant Information Resources



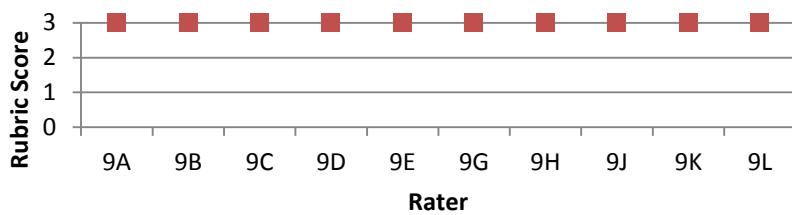
Student 2: Identifies Subject- Relevant Information Resources



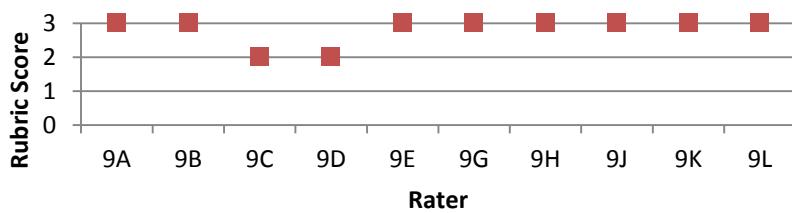
Student 3: Identifies Subject- Relevant Information Resources



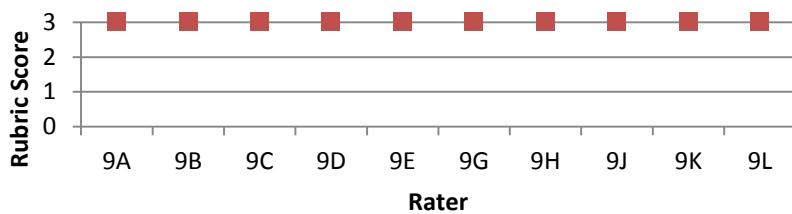
Student 4: Identifies Subject-Relevant Information Resources



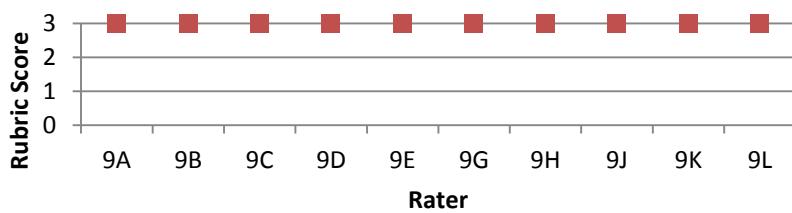
Student 5: Identifies Subject-Relevant Information Resources



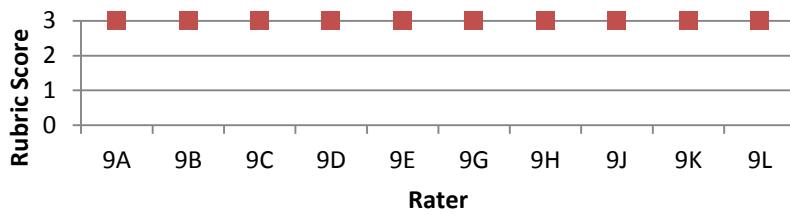
Student 6: Identifies Subject-Relevant Information Resources



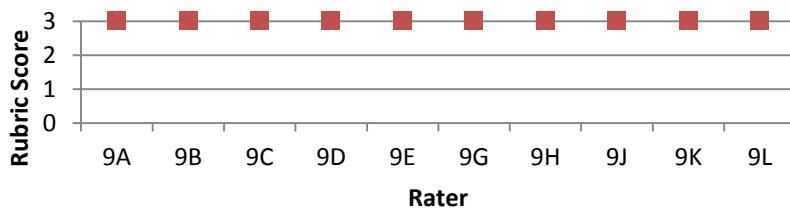
Student 7: Identifies Subject-Relevant Information Resources



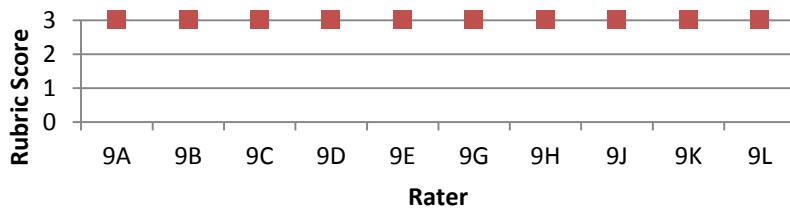
Student 8: Identifies Subject-Relevant Information Resources



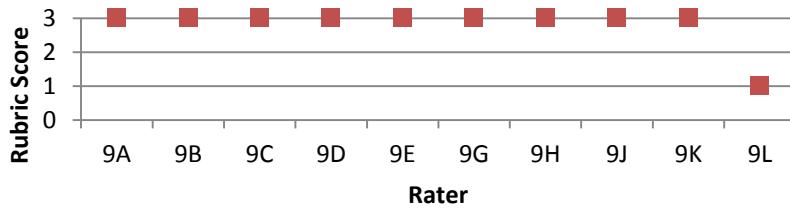
Student 9: Identifies Subject-Relevant Information Resources



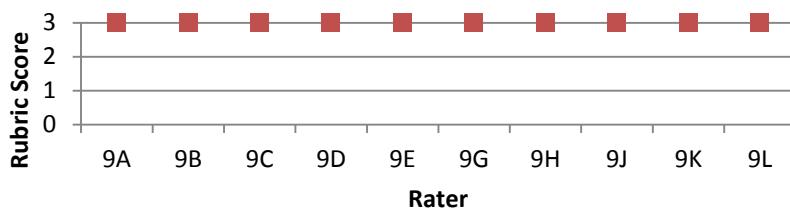
Student 10: Identifies Subject-Relevant Information Resources



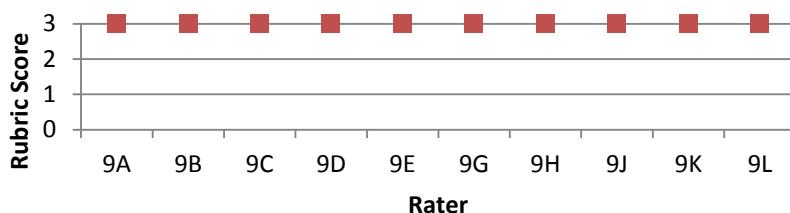
Student 11: Identifies Subject-Relevant Information Resources



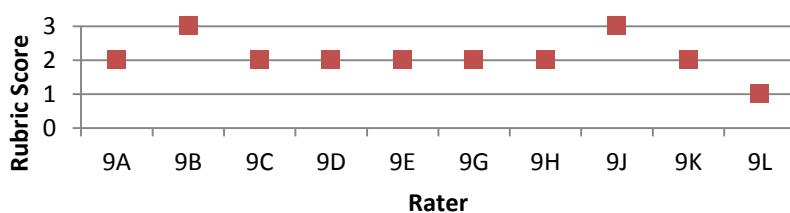
Student 12: Identifies Subject-Relevant Information Resources



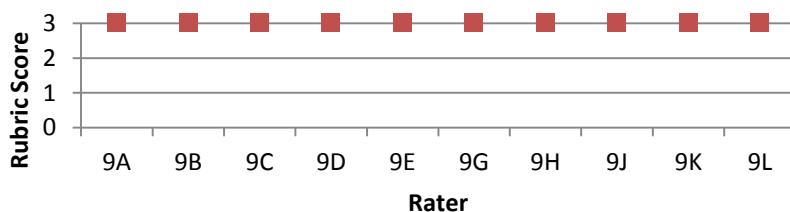
Student 13: Identifies Subject-Relevant Information Resources



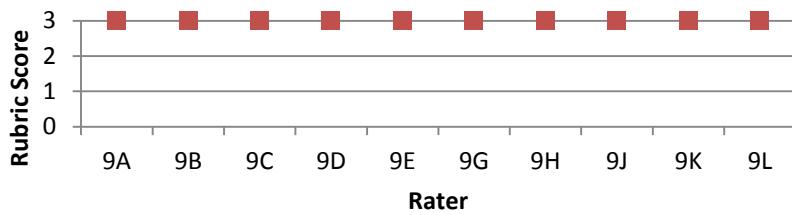
Student 14: Identifies Subject-Relevant Information Resources



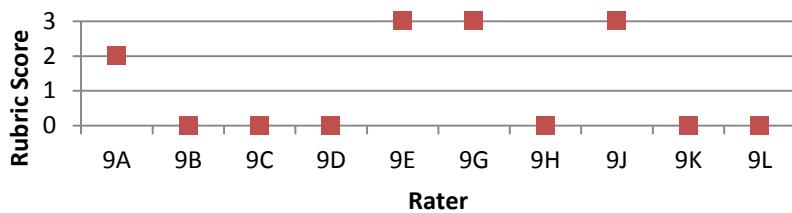
Student 15: Identifies Subject-Relevant Information Resources



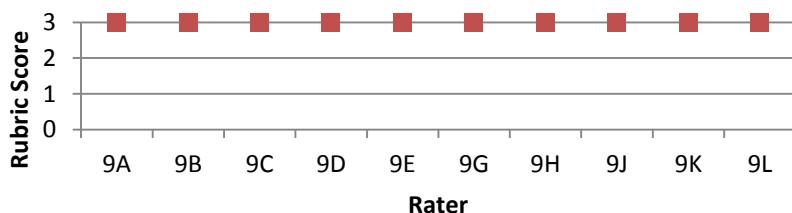
Student 16: Identifies Subject-Relevant Information Resources



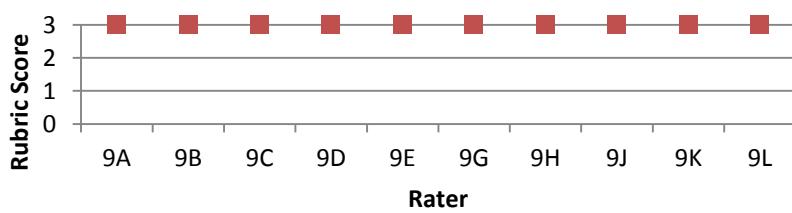
Student 17: Identifies Subject-relevant information resources



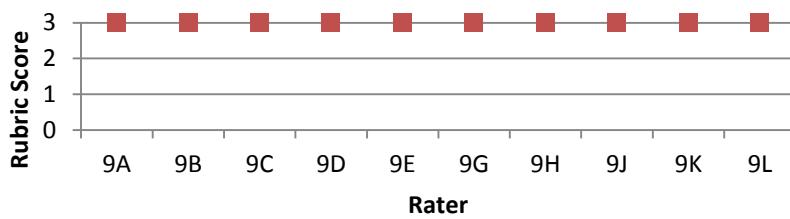
Student 18: Identifies Subject-Relevant Information Resources



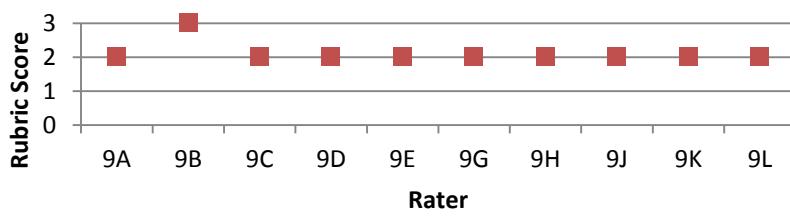
Student 19: Identifies Subject-Relevant Information Resources



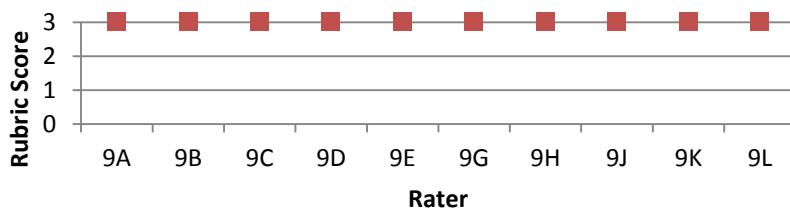
Student 20: Identifies Subject-Relevant Information Resources



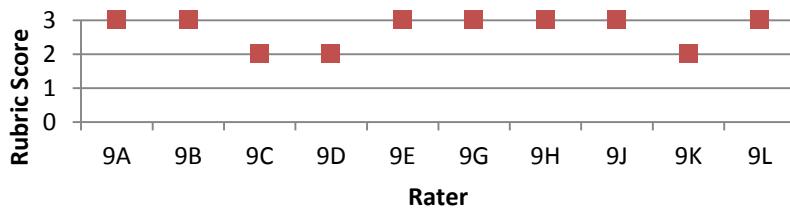
Student 21: Identifies Subject-Relevant Information Resources



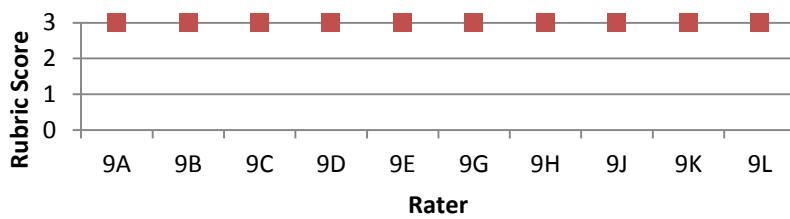
Student 22: Identifies Subject-Relevant Information Resources



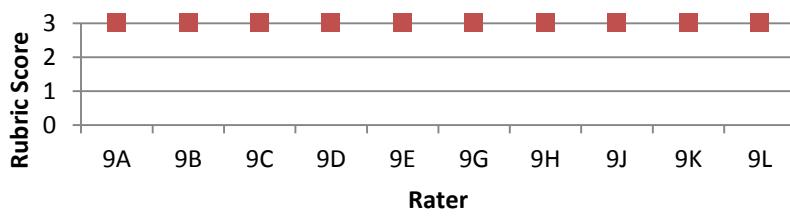
Student 23: Identifies Subject-Relevant Information Resources



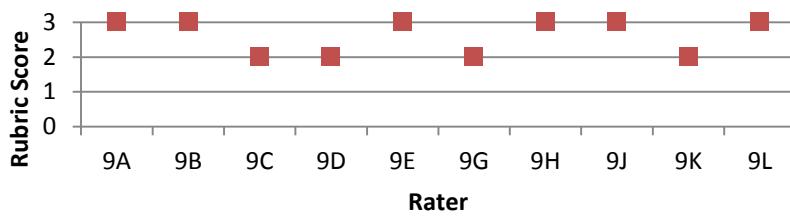
Student 24: Identifies Subject-Relevant Information Resources



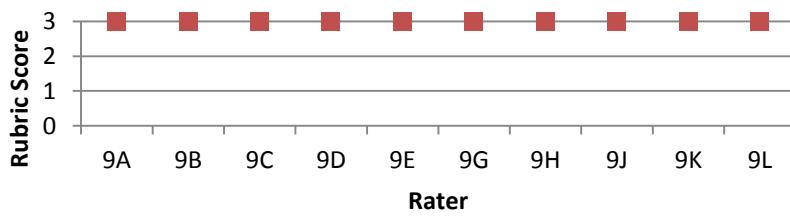
Student 25: Identifies Subject-Relevant Information Resources



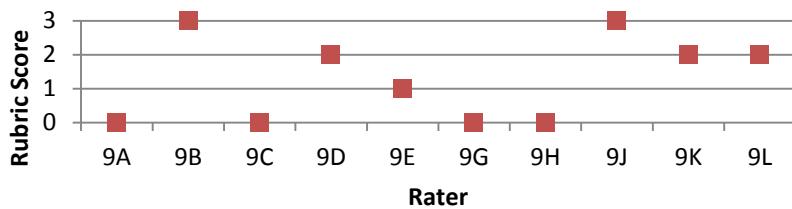
Student 26: Identifies Subject-Relevant Information Resources



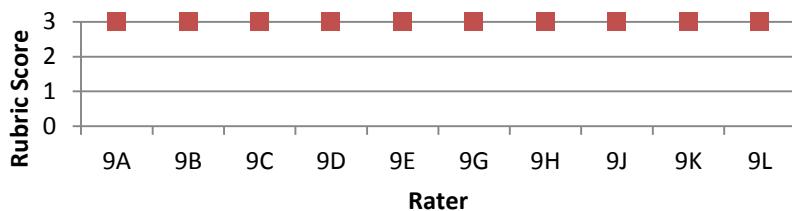
Student 27: Identifies Subject-Relevant Information Resources



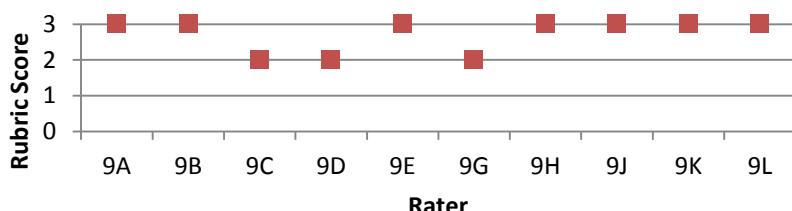
Student 28: Identifies Subject-Relevant Information Resources



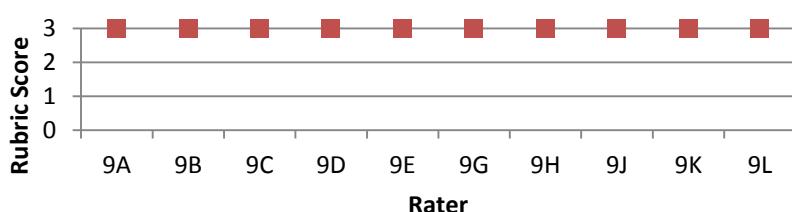
Student 29: Identifies Subject-Relevant Information Resources



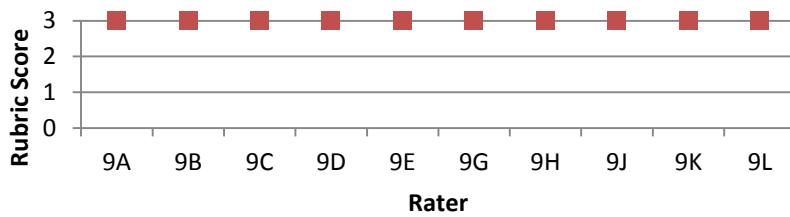
Student 30: Identifies Subject-Relevant Information Resources



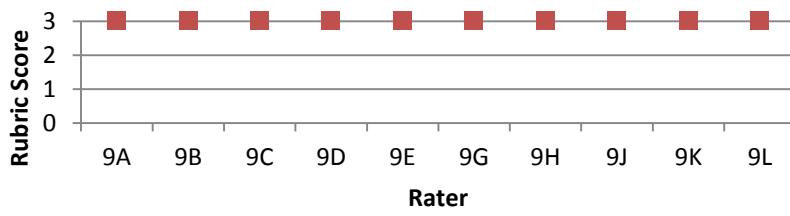
Student 31: Identifies Subject-Relevant Information Resources



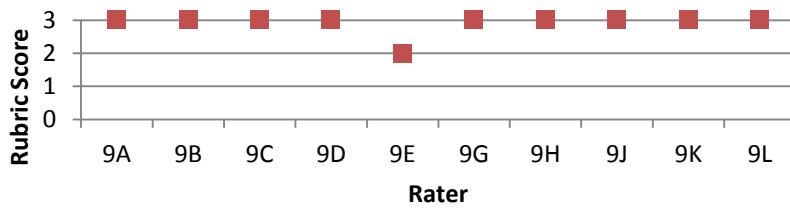
Student 32: Identifies Subject-Relevant Information Resources



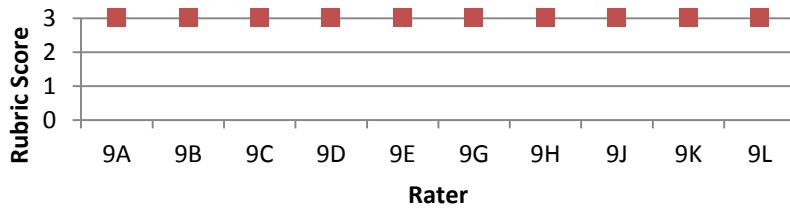
Student 33: Identifies Subject-Relevant Information Resources



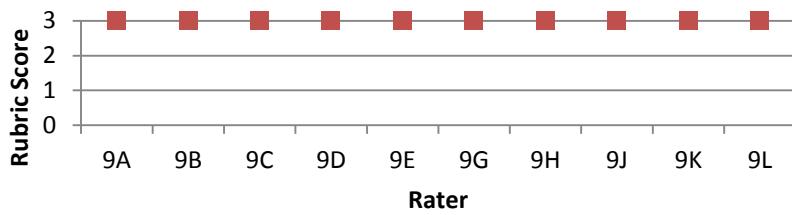
Student 34: Identifies Subject-Relevant Information Resources



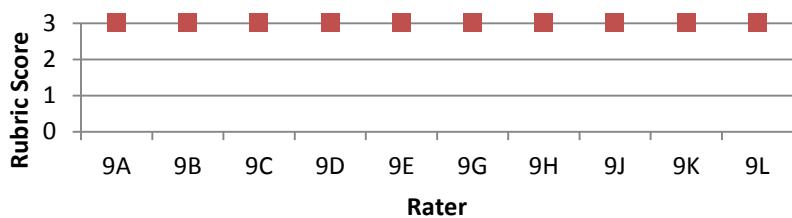
Student 35: Identifies Subject-Relevant Information Resources



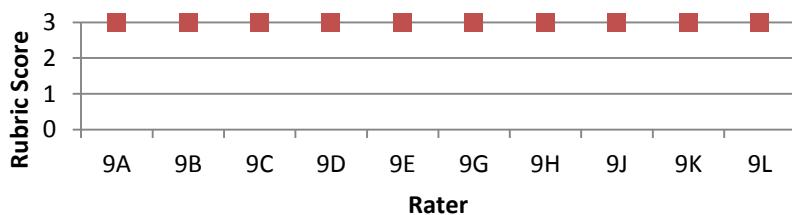
Student 36: Identifies Subject-Relevant Information Resources



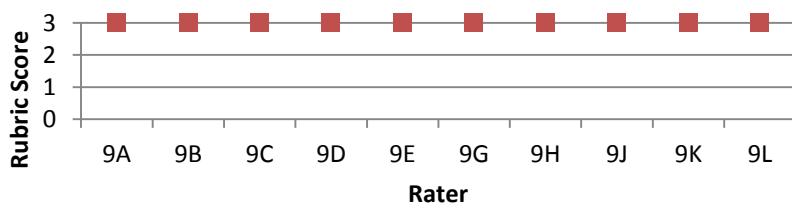
Student 37: Identifies Subject-Relevant Information Resources



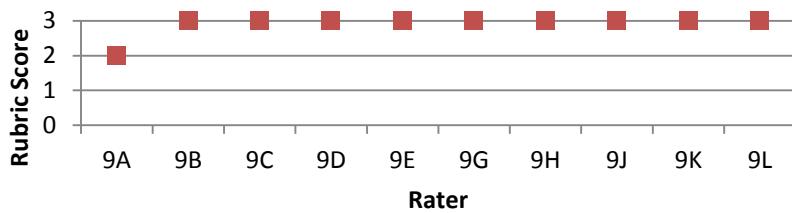
Student 38: Identifies Subject-Relevant Information Resources



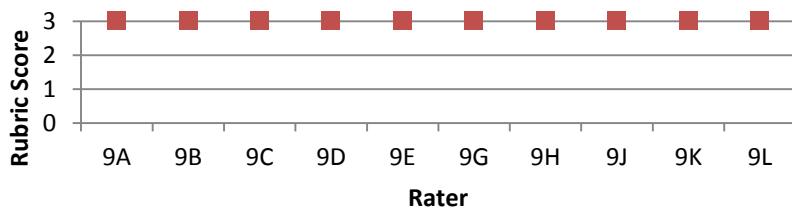
Student 39: Identifies Subject-Relevant Information Resources



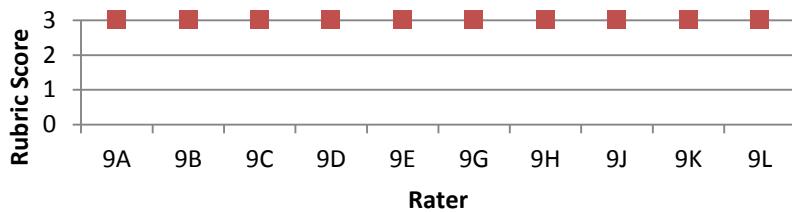
Student 40: Identifies Subject-Relevant Information Resources



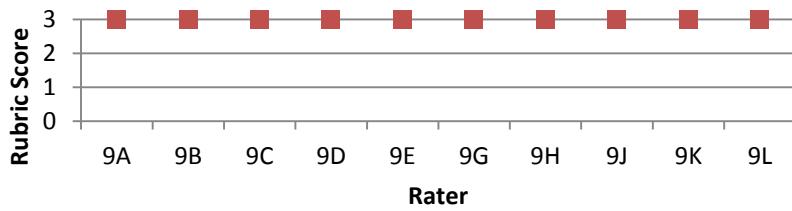
Student 41: Identifies Subject-Relevant Information Resources



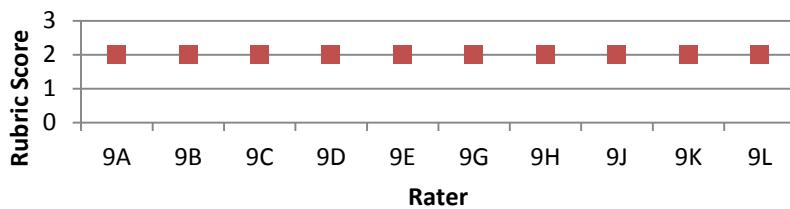
Student 92: Identifies Subject-Relevant Information Resources



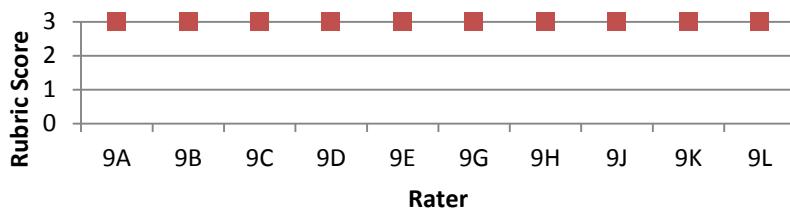
Student 43: Identifies Subject-Relevant Information Resources



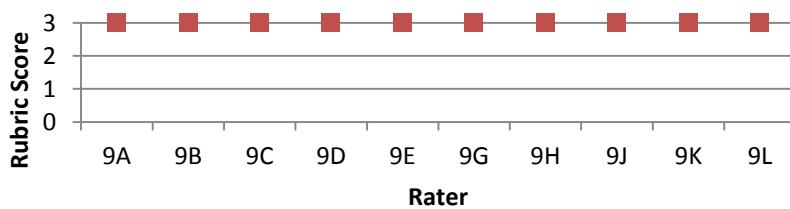
Student 44: Identifies Subject-Relevant Information Resources



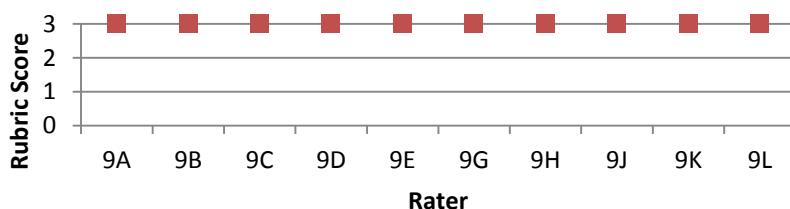
Student 45: Identifies Subject-Relevant Information Resources



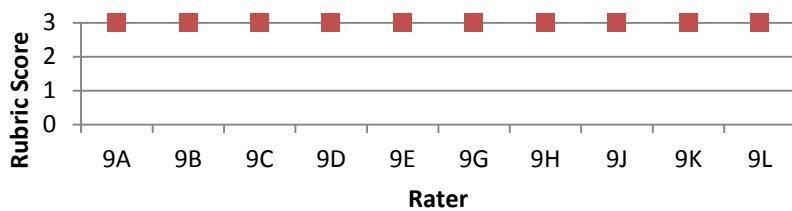
Student 46: Identifies Subject-Relevant Information Resources



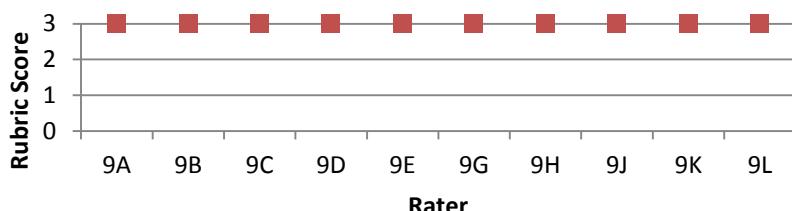
Student 47: Identifies Subject-Relevant Information Resources



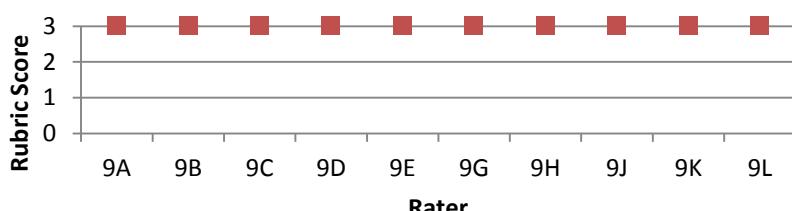
Student 48: Identifies Subject-Relevant Information Resources



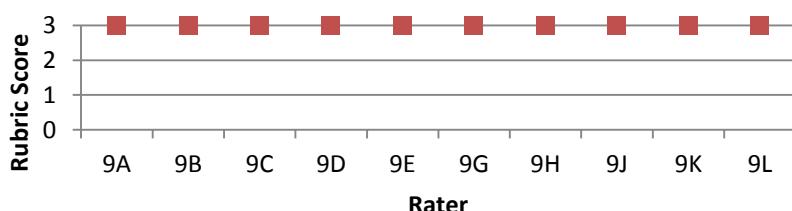
Student 49: Identifies Subject-Relevant Information Resources



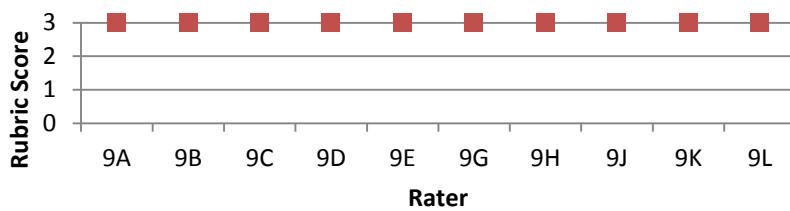
Student 50: Identifies Subject-Relevant Information Resources



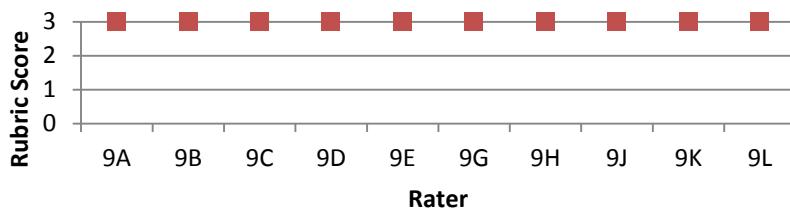
Student 51: Identifies Subject-Relevant Information Resources



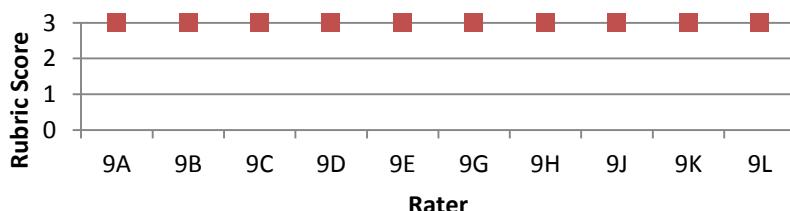
Student 52: Identifies Subject-Relevant Information Resources



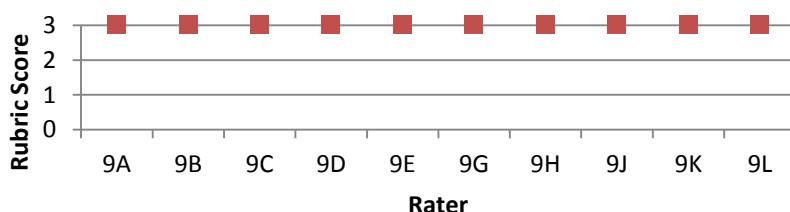
Student 53: Identifies Subject-Relevant Information Resources



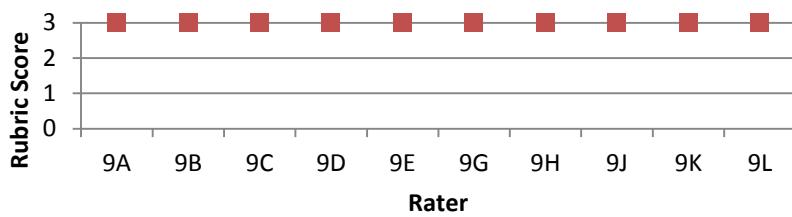
Student 54: Identifies Subject-Relevant Information Resources



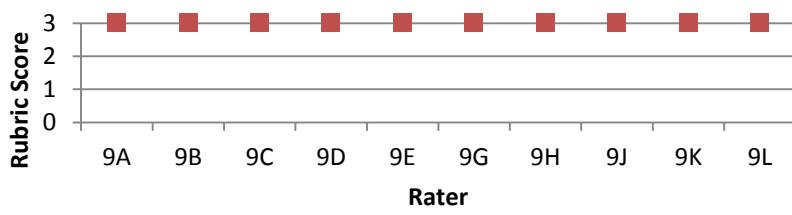
Student 55: Identifies Subject-Relevant Information Resources



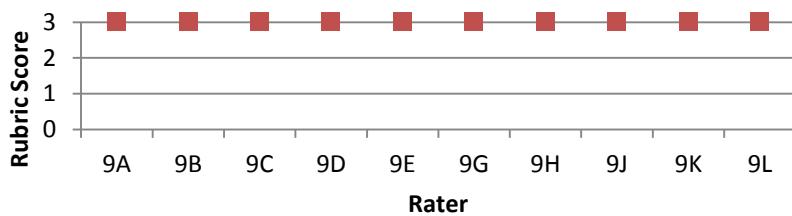
Student 56: Identifies Subject-Relevant Information Resources



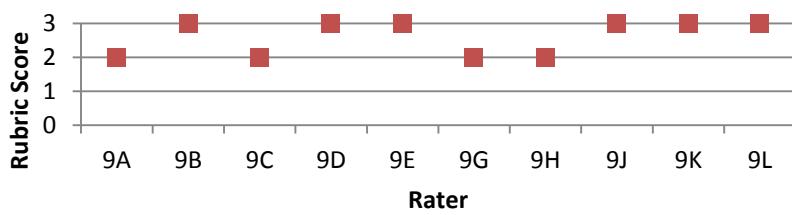
Student 57: Identifies Subject-Relevant Information Resources



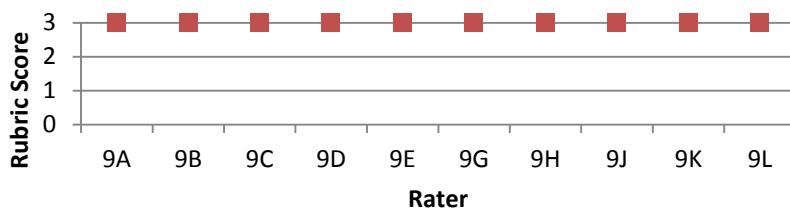
Student 58: Identifies Subject-Relevant Information Resources



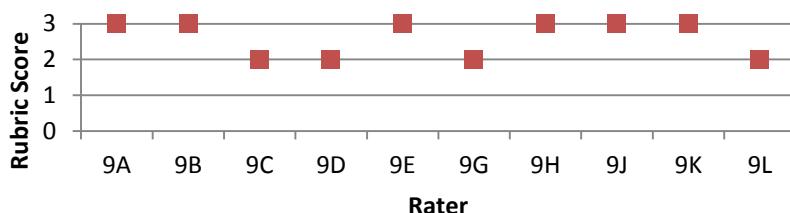
Student 59: Identifies Subject-Relevant Information Resources



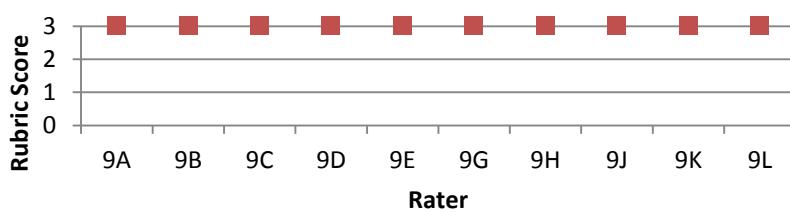
Student 60: Identifies Subject-Relevant Information Resources



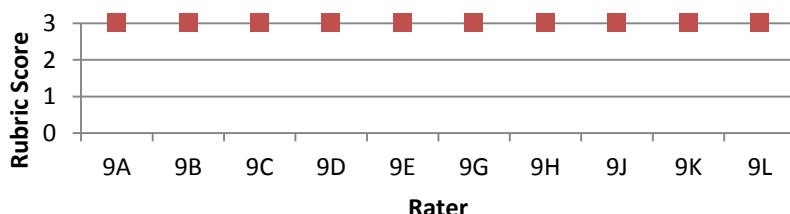
Student 61: Identifies Subject-Relevant Information Resources



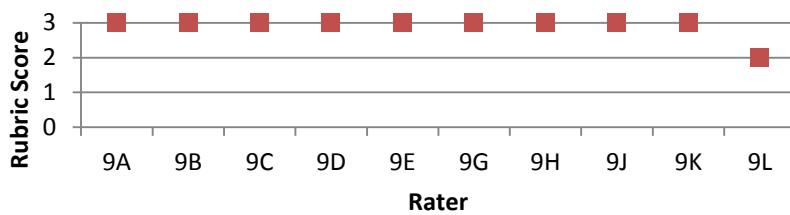
Student 62: Identifies Subject-Relevant Information Resources



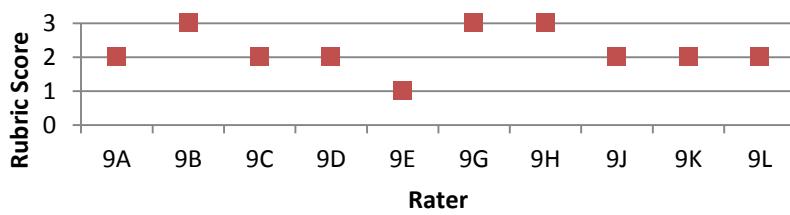
Student 63: Identifies Subject-Relevant Information Resources



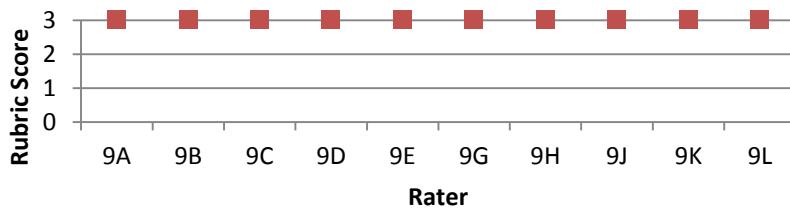
Student 64: Identifies Subject-Relevant Information Resources



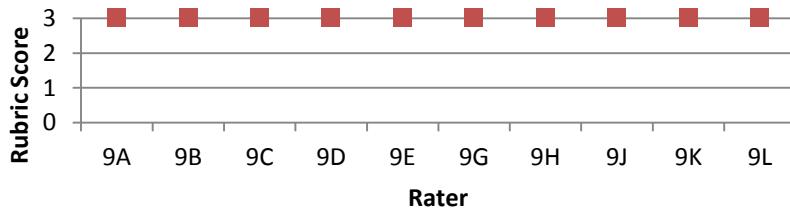
Student 65: Identifies Subject-Relevant Information Resources



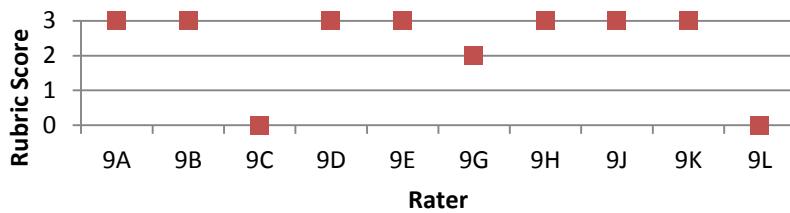
Student 66: Identifies Subject-Relevant Information Resources



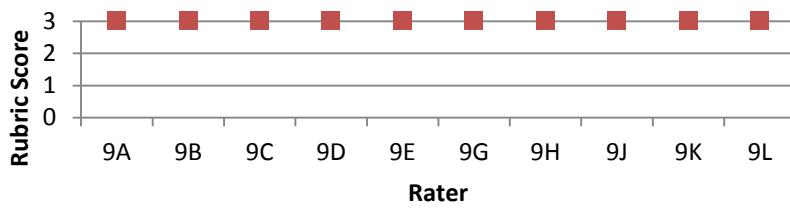
Student 67: Identifies Subject-Relevant Information Resources



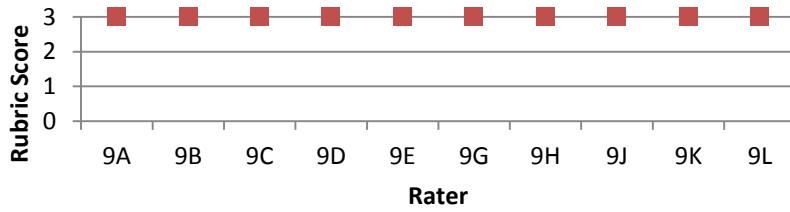
Student 68: Identifies Subject-Relevant Information Resources



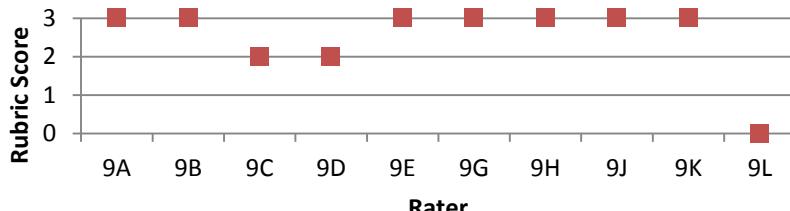
Student 69: Identifies Subject-Relevant Information Resources



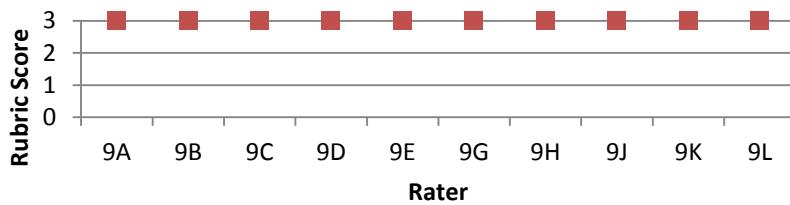
Student 70: Identifies Subject-Relevant Information Resources



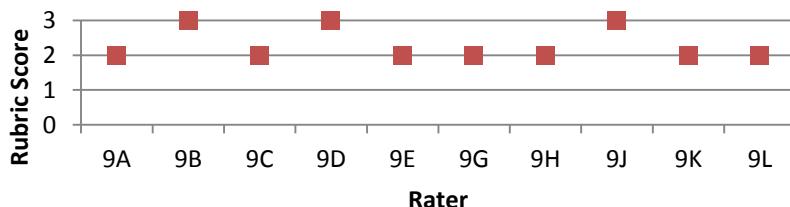
Student 71: Identifies Subject-Relevant Information Resources



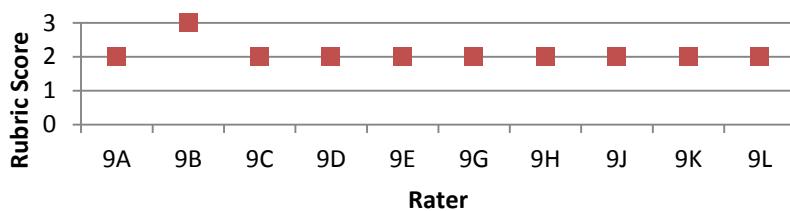
Student 72: Identifies Subject-Relevant Information Resources



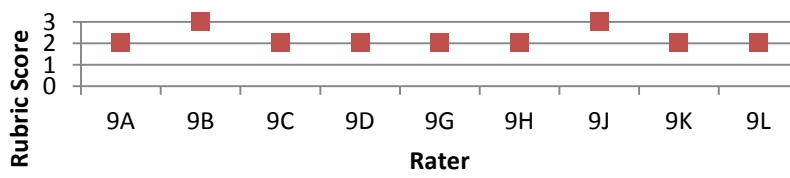
Student 73: Identifies Subject-Relevant Information Resources



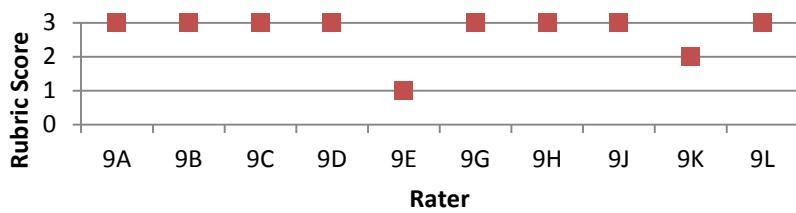
Student 74: Identifies Subject-Relevant Information Resources



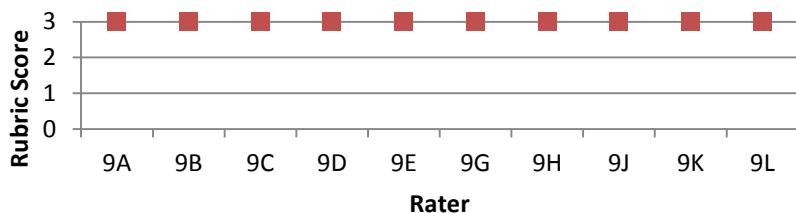
Student 75: Identifies Subject-Relevant Information Resources



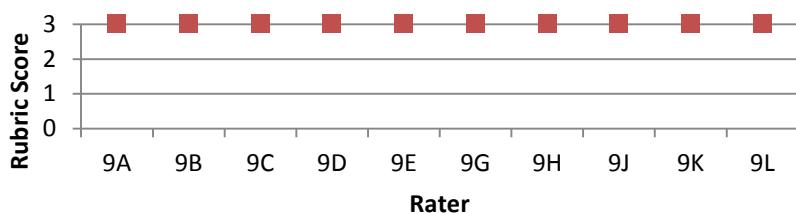
Student 76: Identifies Subject-Relevant Information Resources



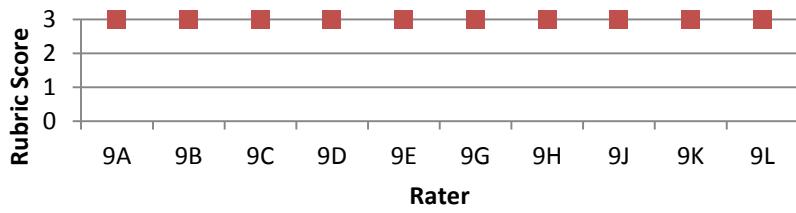
Student 77: Identifies Subject-Relevant Information Resources



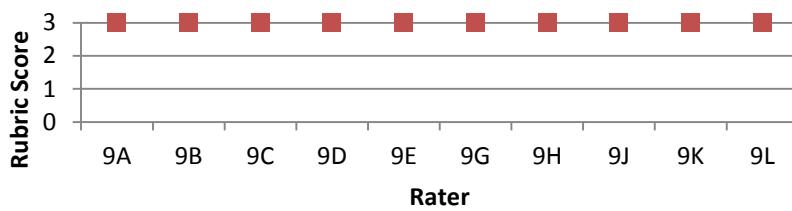
Student 78: Identifies Subject-Relevant Information Resources



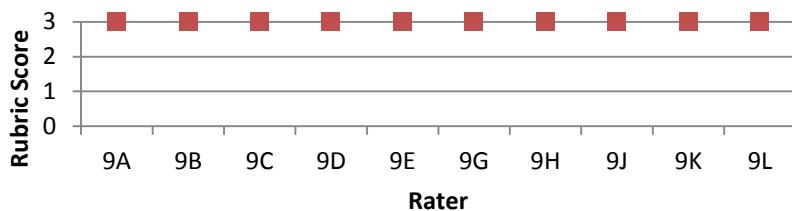
Student 79: Identifies Subject-Relevant Information Resources



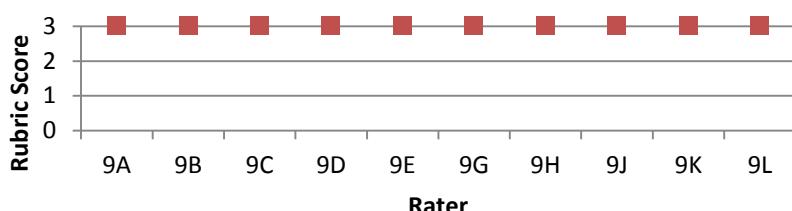
Student 80: Identifies Subject-Relevant Information Resources



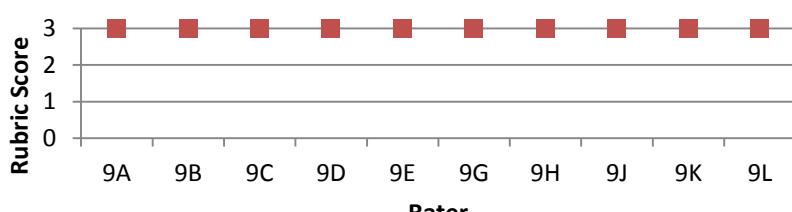
Student 81: Identifies Subject-Relevant Information Resources



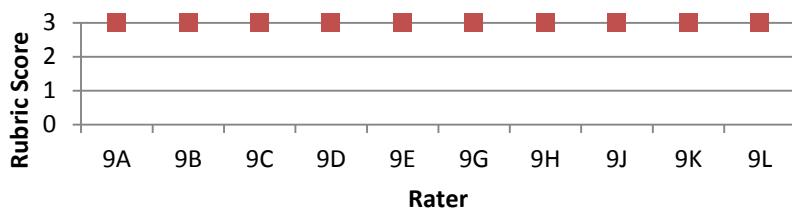
Student 82: Identifies Subject-Relevant Information Resources



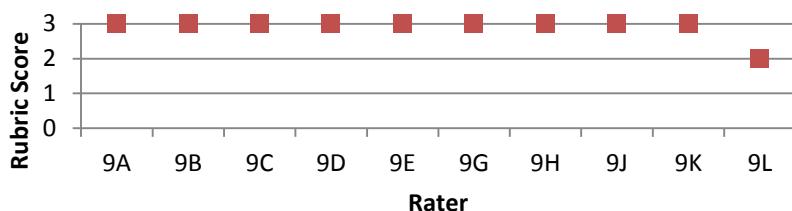
Student 83: Identifies Subject-Relevant Information Resources



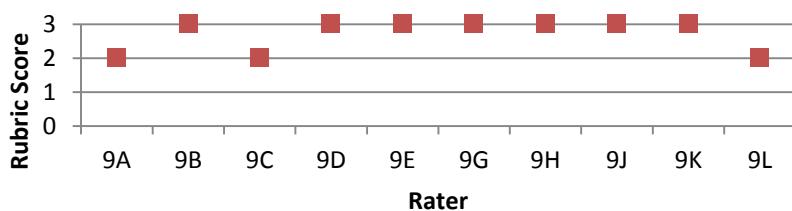
Student 84: Identifies Subject-Relevant Information Resources



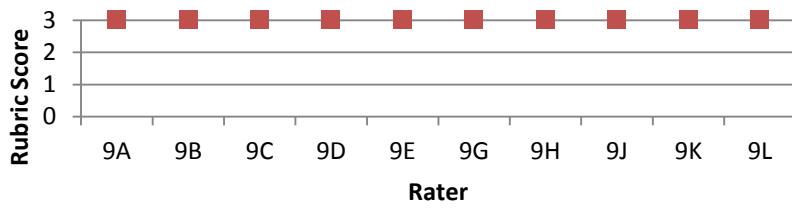
Student 85: Identifies Subject-Relevant Information Resources



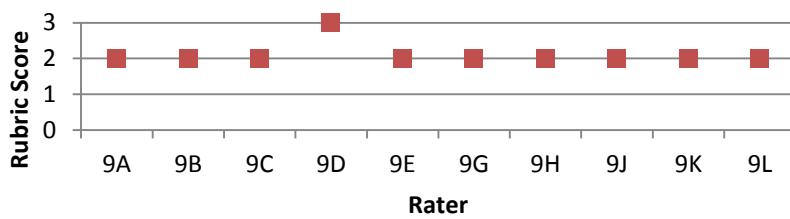
Student 86: Identifies Subject-Relevant Information Resources



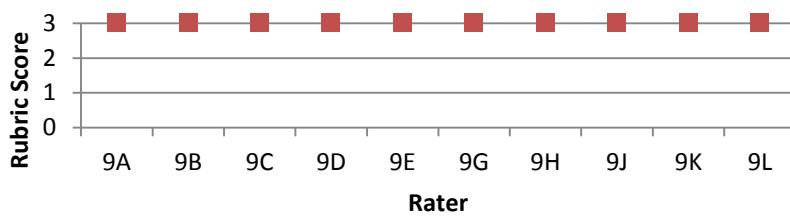
Student 87: Identifies Subject-Relevant Information Resources



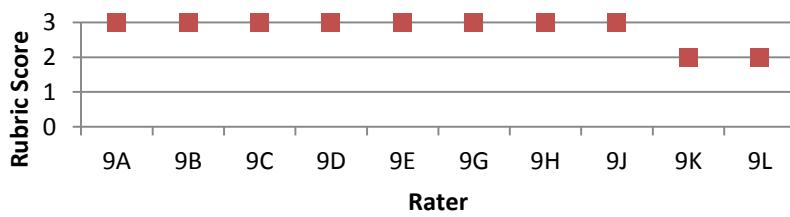
Student 88: Identifies Subject-Relevant Information Resources



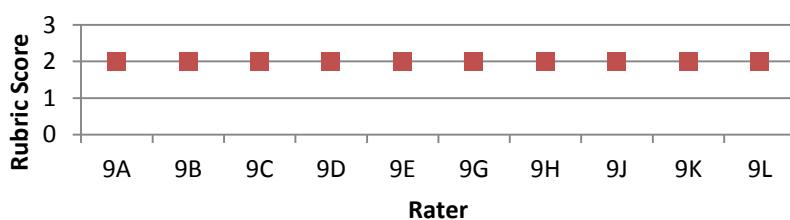
Student 89: Identifies Subject-Relevant Information Resources



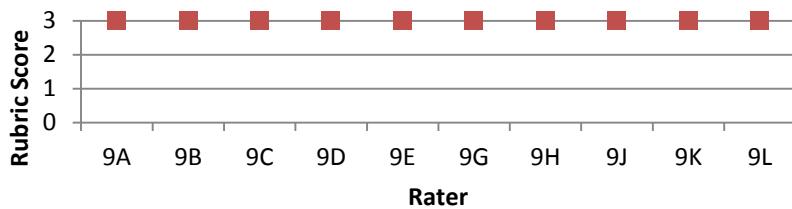
Student 90: Identifies Subject-Relevant Information Resources



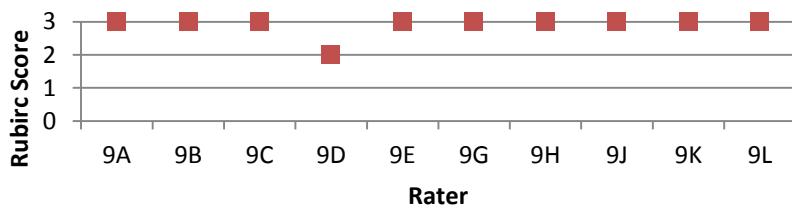
Student 91: Identifies Subject-Relevant Information Resources



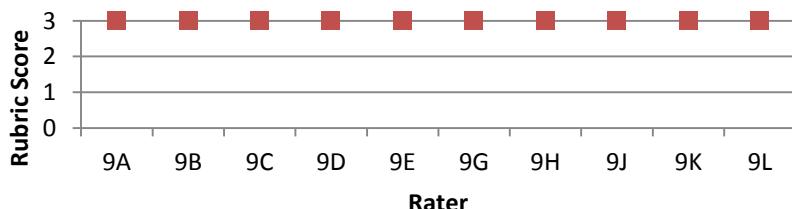
Student 92: Identifies Subject-Relevant Information Resources



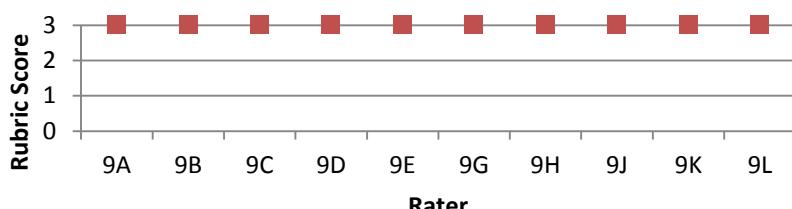
Student 93: Identifies Subject-Relevant Information Resources



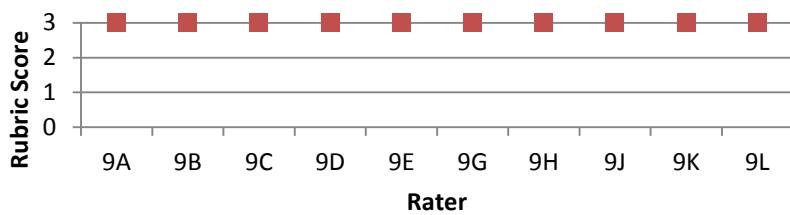
Student 94: Identifies Subject-Relevant Information Resources



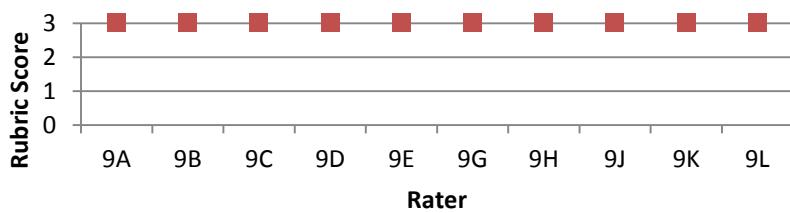
Student 95: Identifies Subject-Relevant Information Resources



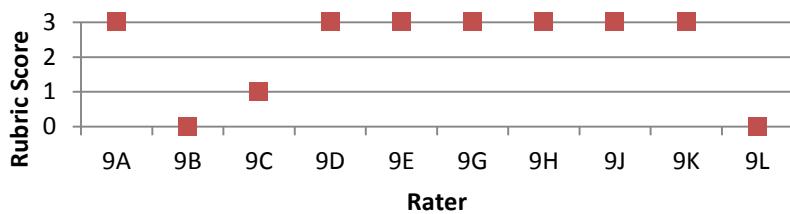
Student 96: Identifies Subject-Relevant Information Resources



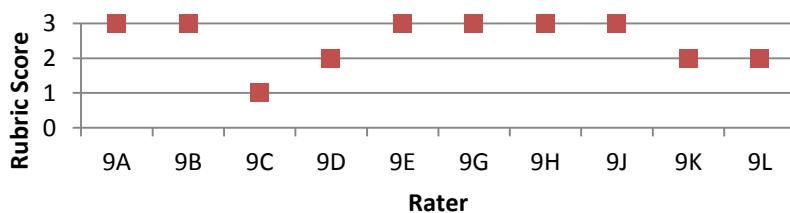
Student 97: Identifies Subject-Relevant Information Resources



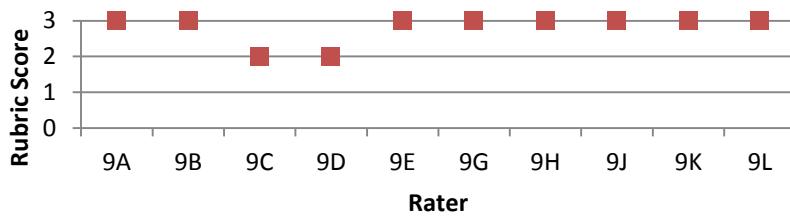
Student 98: Identifies Subject-Relevant Information Resources



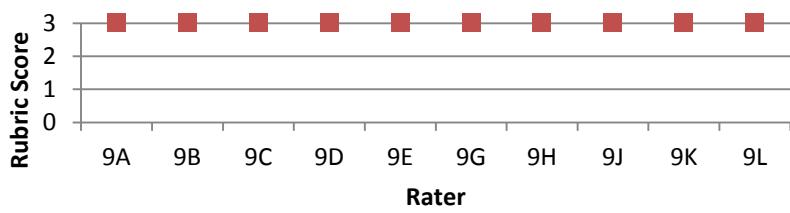
Student 99: Identifies Subject-Relevant Information Resources



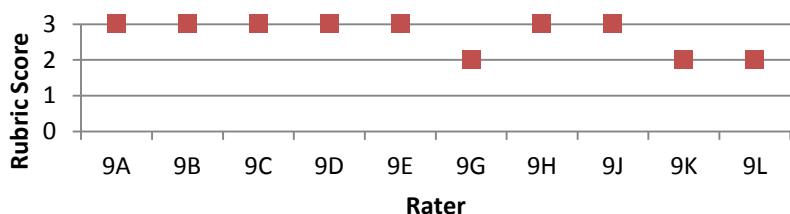
Student 100: Identifies Subject-Relevant Information Resources



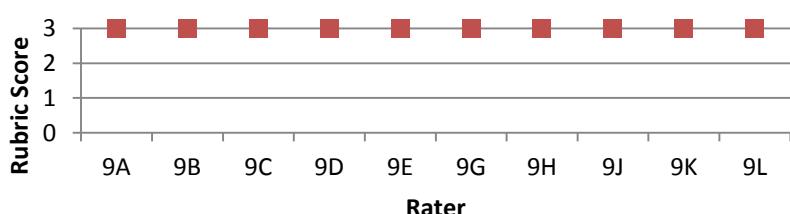
Student 1: Identifies Types of Information Sources



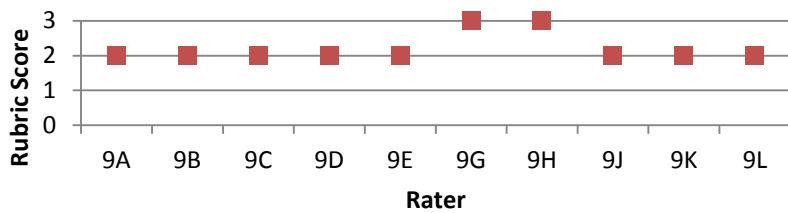
Student 2: Identifies Types of Information Sources



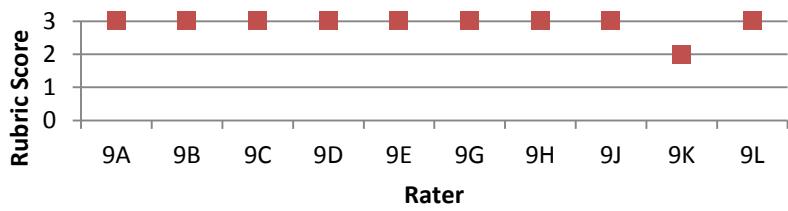
Student 3: Identifies Types of Information Sources



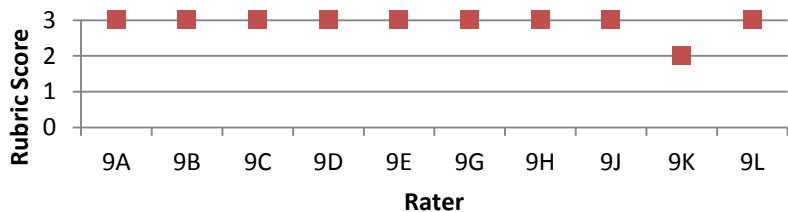
Student 4: Identifies Types of Information Sources



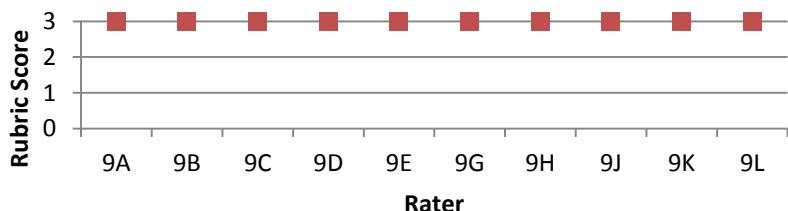
Student 5: Identifies Types of Information Sources



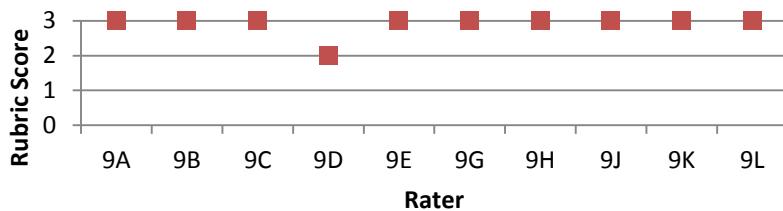
Student 6: Identifies Types of Information Sources



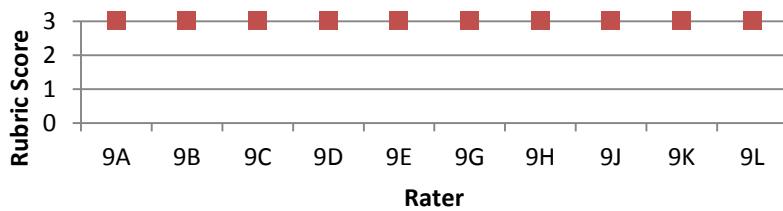
Student 7: Identifies Types of Information Sources



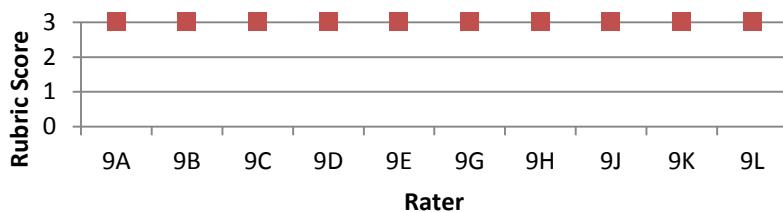
Student 8: Identifies Types of Information Sources



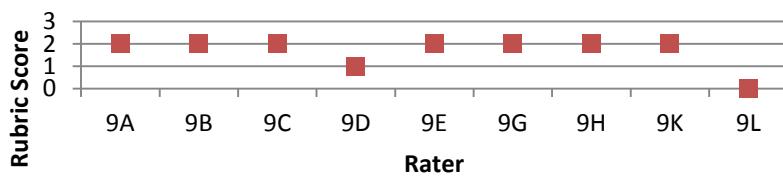
Student 9: Identifies Types of Information Sources



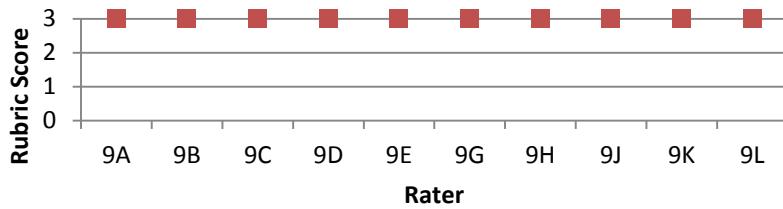
Student 10: Identifies Types of Information Sources



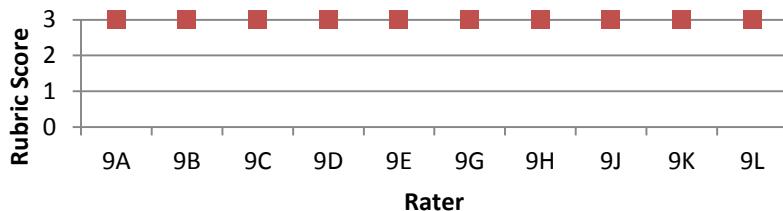
Student 11: Identifies Types of Information Sources



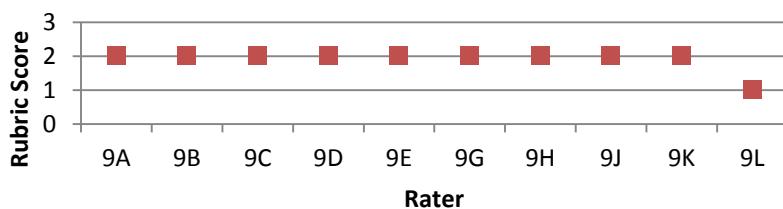
Student 12: Identifies Types of Information Sources



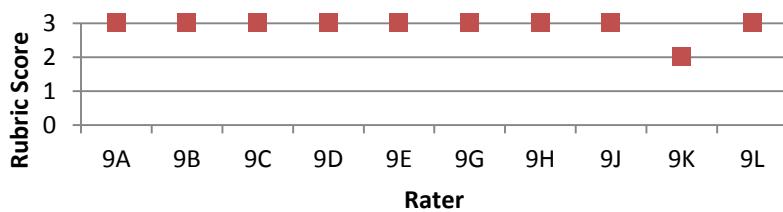
Student 13: Identifies Types of Information Sources



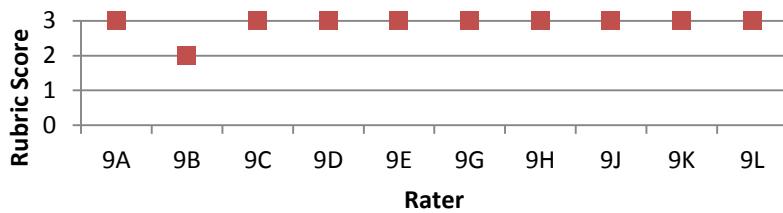
Student 14: Identifies Types of Information Sources



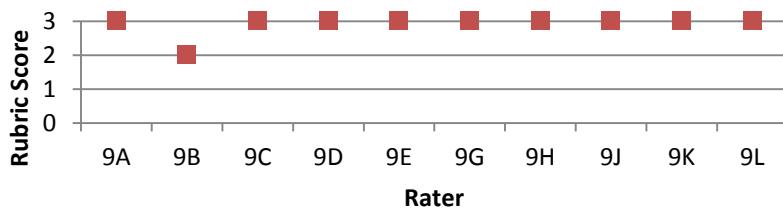
Student 15: Identifies Types of Information Sources



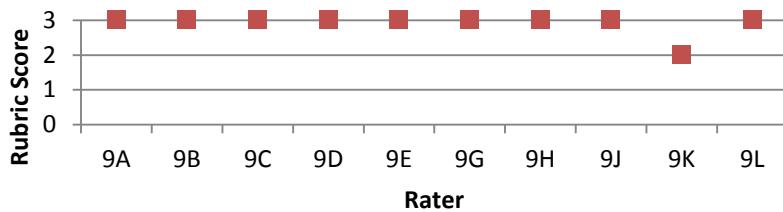
Student 16: Identifies Types of Information Sources



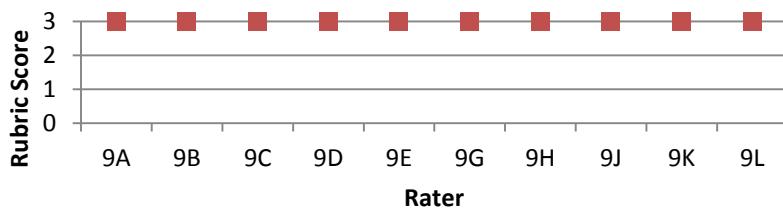
Student 17: Identifies Types of Information Sources



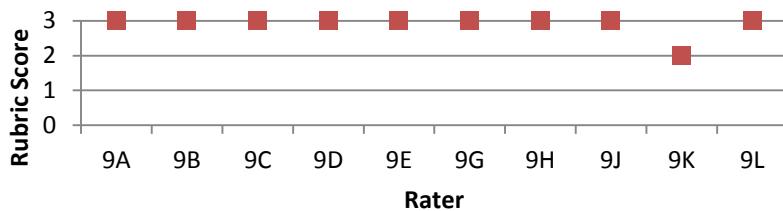
Student 18: Identifies Types of Information Sources



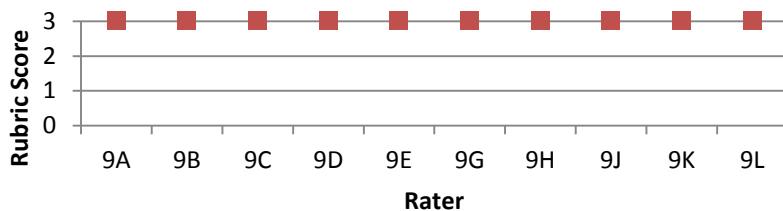
Student 19: Identifies Types of Information Sources



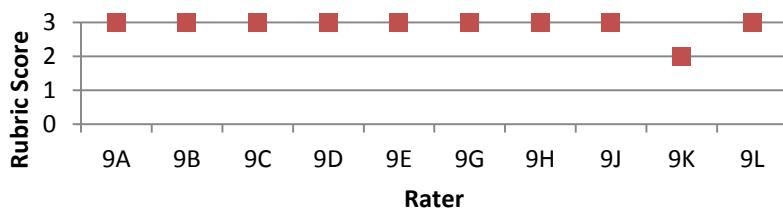
Student 20: Identifies Types of Information Sources



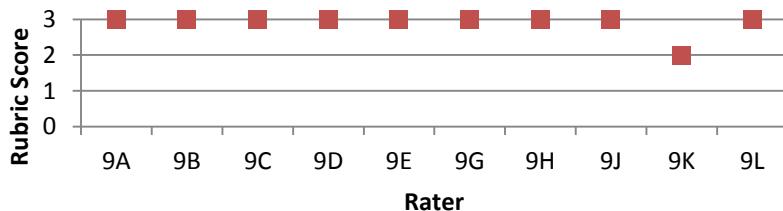
Student 21: Identifies Types of Information Sources



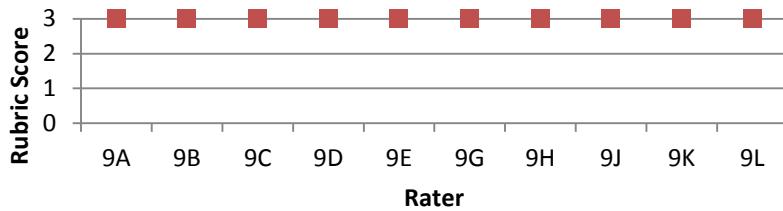
Student 22: Identifies Types of Information Sources



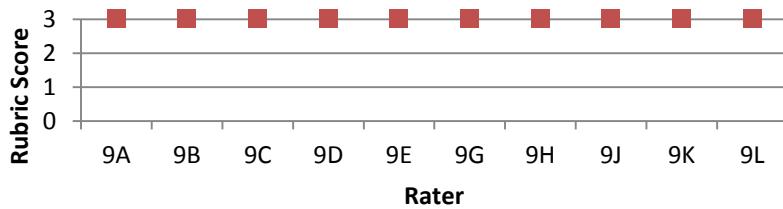
Student 23: Identifies Types of Information Sources



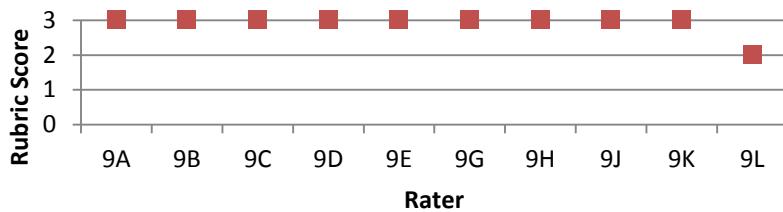
Student 24: Identifies Types of Information Sources



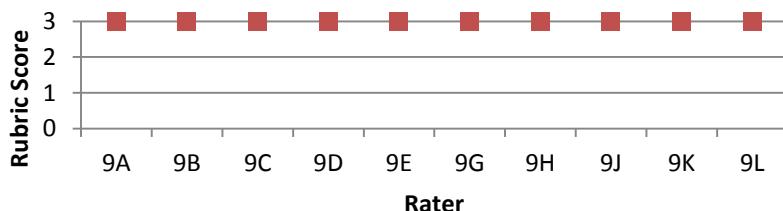
Student 25: Identifies Types of Information Sources



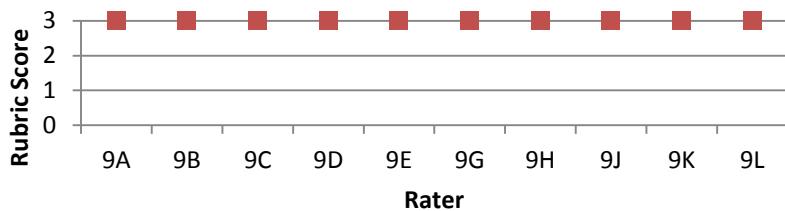
Student 26: Identifies Types of Information Sources



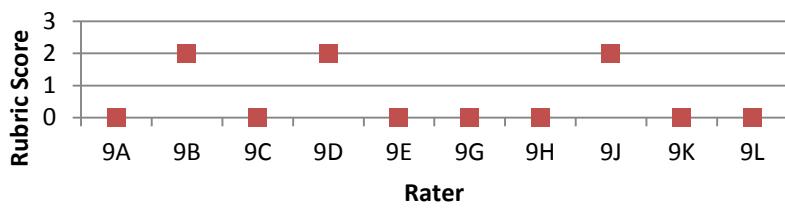
Student 27: Identifies Types of Information Sources



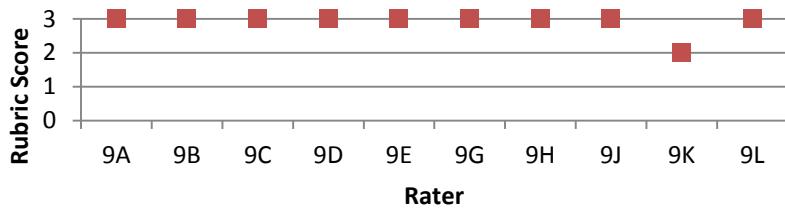
Student 28: Identifies Types of Information Sources



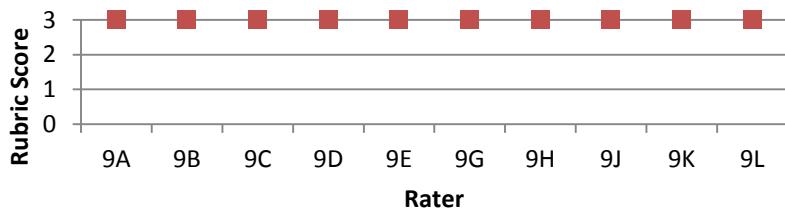
Student 29: Identifies Types of Information Sources



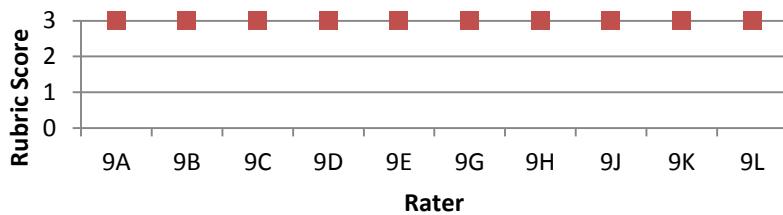
Student 30: Identifies Types of Information Sources



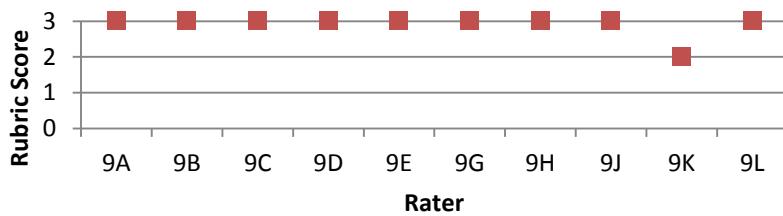
Student 31: Identifies Types of Information Sources



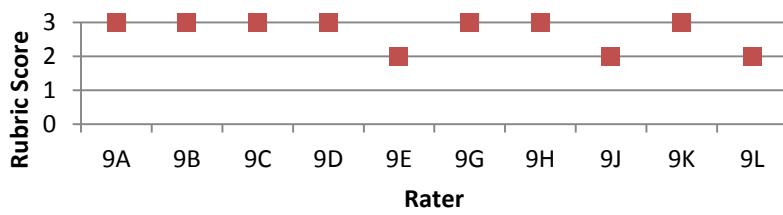
Student 22: Identifies Types of Information Sources



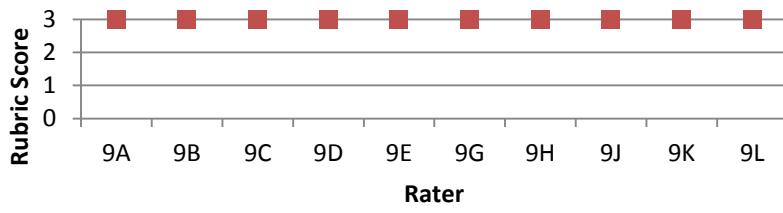
Student 23: Identifies Types of Information Sources



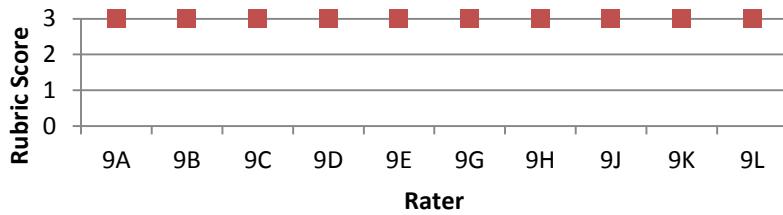
Student 24: Identifies Types of Information Sources



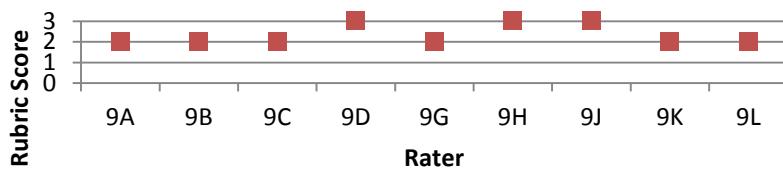
Student 35: Identifies Types of Information Sources



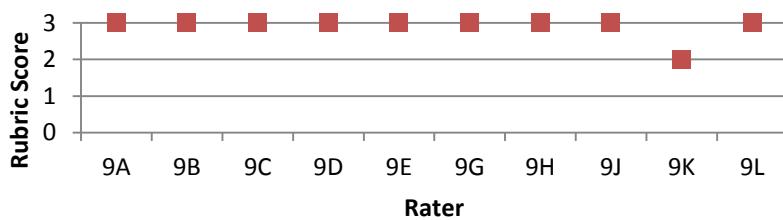
Student 36: Identifies Types of Information Sources



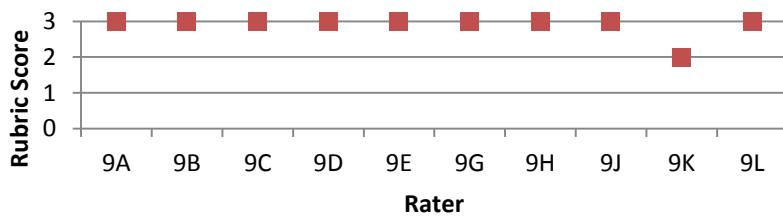
Student 37: Identifies Types of Information Sources



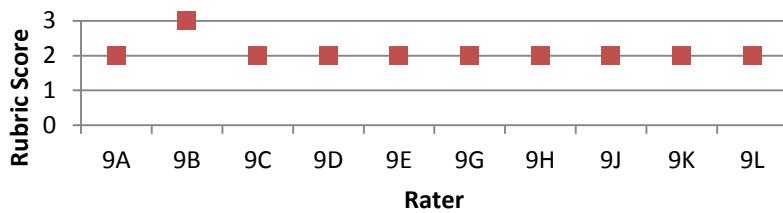
Student 38: Identifies Types of Information Sources



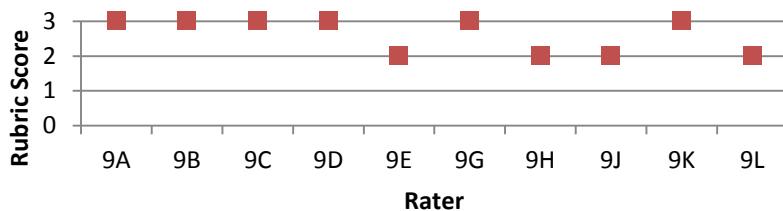
Student 39: Identifies Types of Information Sources



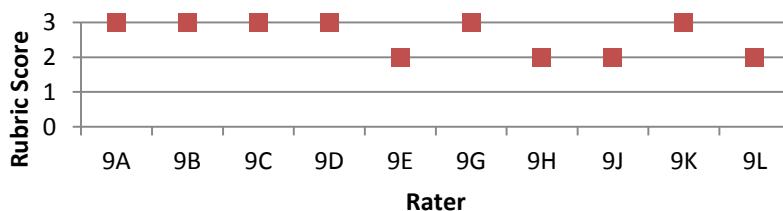
Student 40: Identifies Types of Information Sources



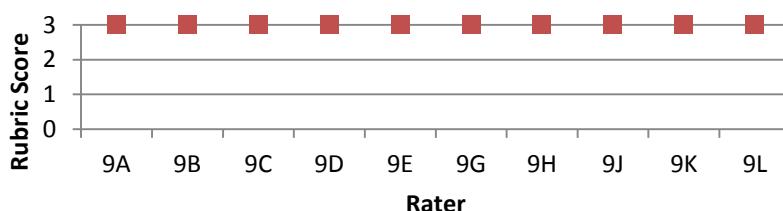
Student 41: Identifies Types of Information Sources



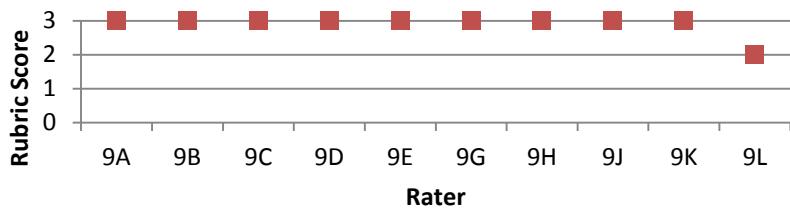
Student 42: Identifies Types of Information Sources



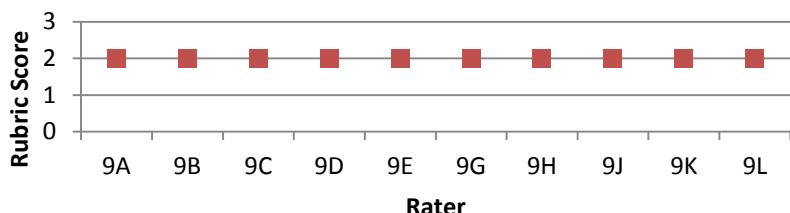
Student 43: Identifies Types of Information Sources



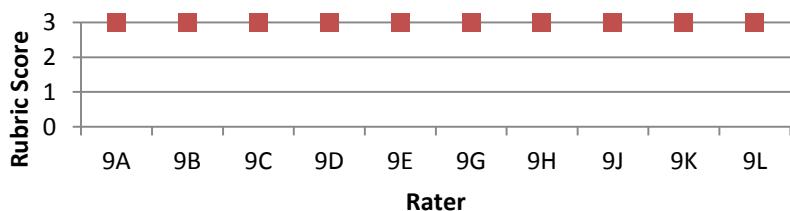
Student 44: Identifies Types of Information Sources



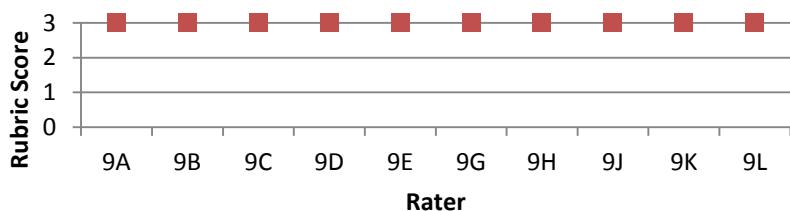
Student 45: Identifies Types of Information Sources



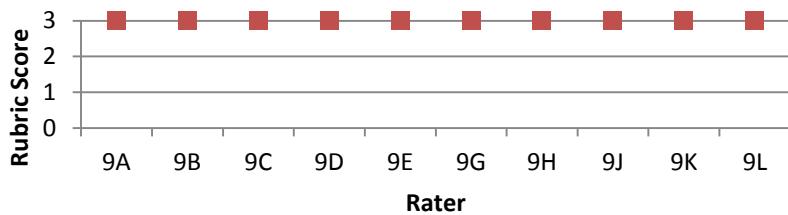
Student 46: Identifies Types of Information Sources



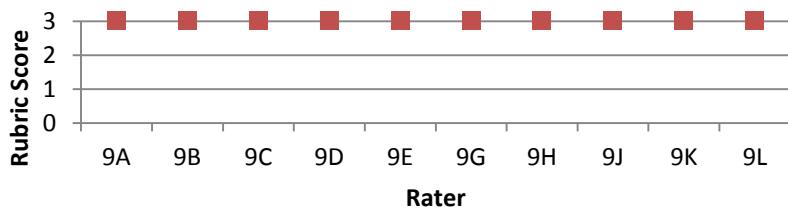
Student 47: Identifies Types of Information Sources



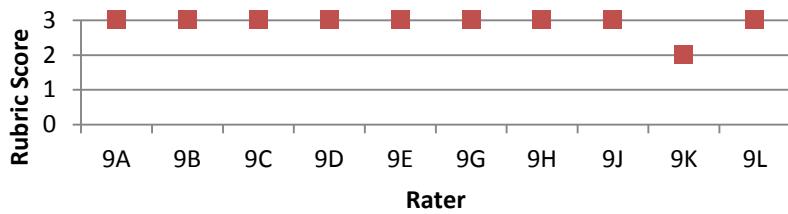
Student 48: Identifies Types of Information Sources



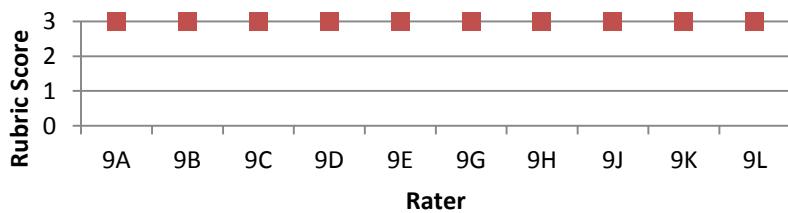
Student 49: Identifies Types of Information Sources



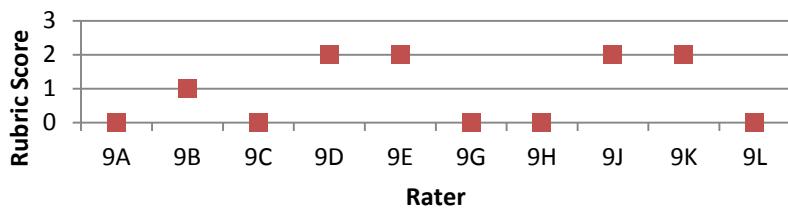
Student 50: Identifies Types of Information Sources



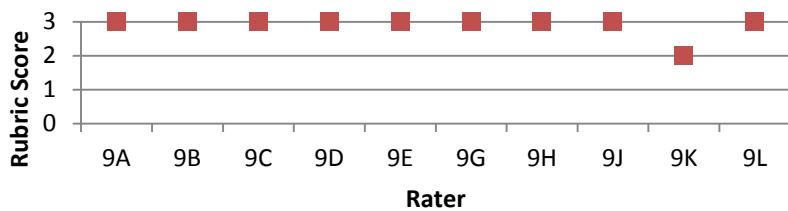
Student 51: Identifies Types of Information Sources



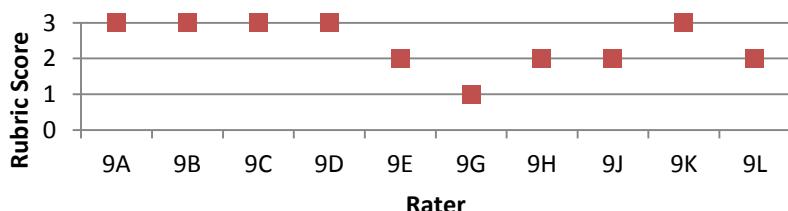
Student 52: Identifies Types of Information Sources



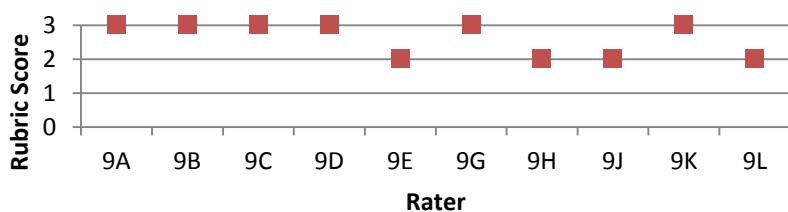
Student 53: Identifies Types of Information Sources



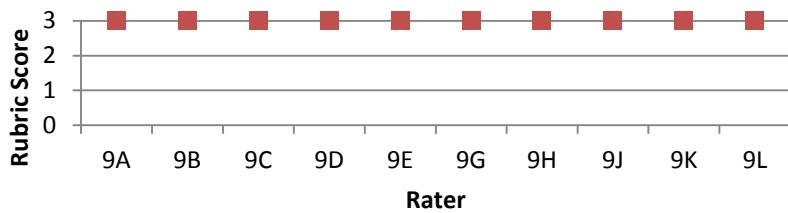
Student 54: Identifies Types of Information Sources



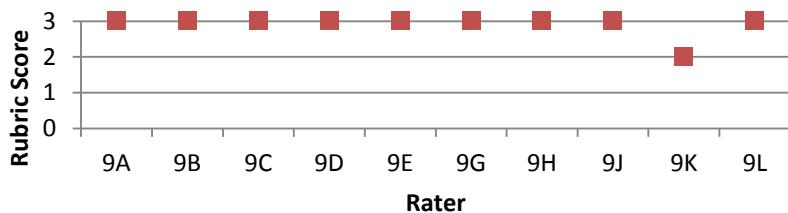
Student 55: Identifies Types of Information Sources



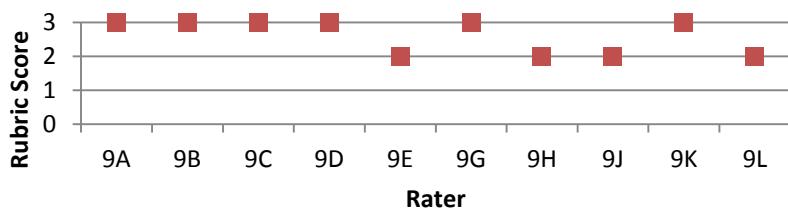
Student 56: Identifies Types of Information Sources



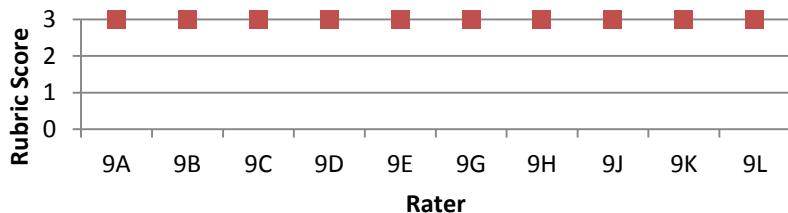
Student 57: Identifies Types of Information Sources



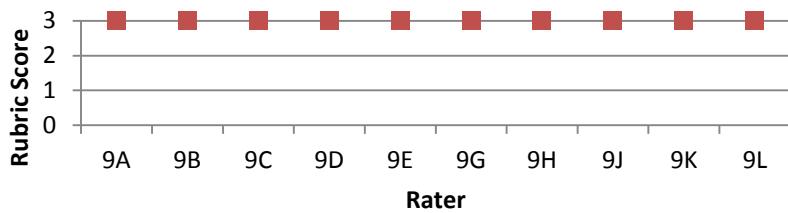
Student 58: Identifies Types of Information Sources



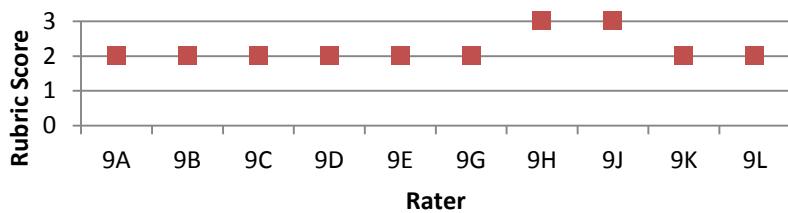
Student 59: Identifies Types of Information Sources



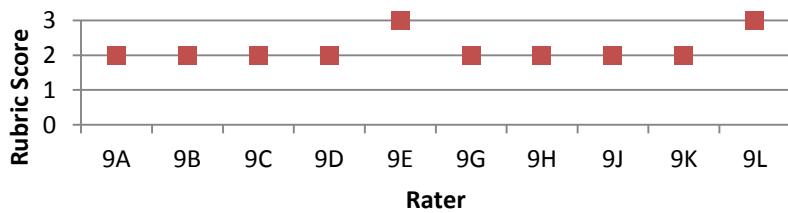
Student 60: Identifies Types of Information Sources



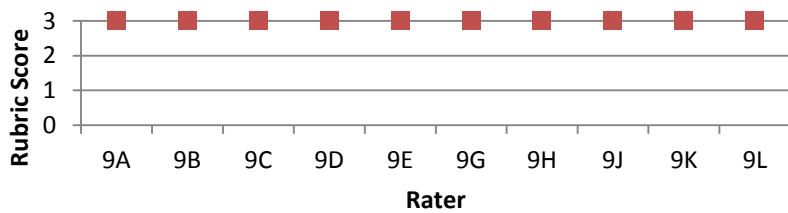
Student 61: Identifies Types of Information Sources



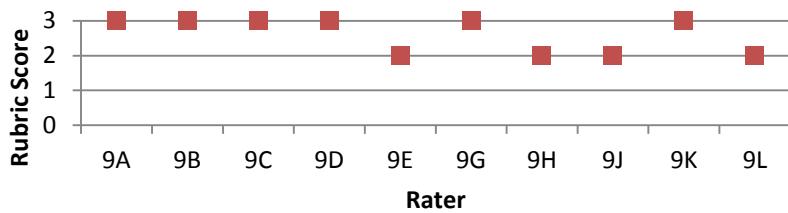
Student 62: Identifies Types of Information Sources



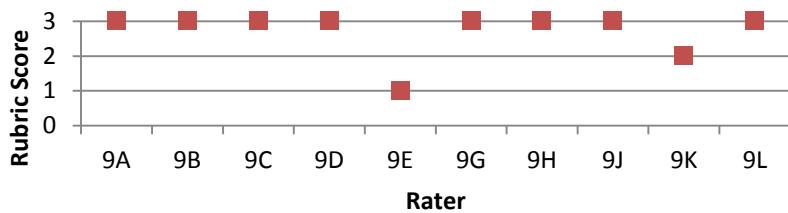
Student 63: Identifies Types of Information Sources



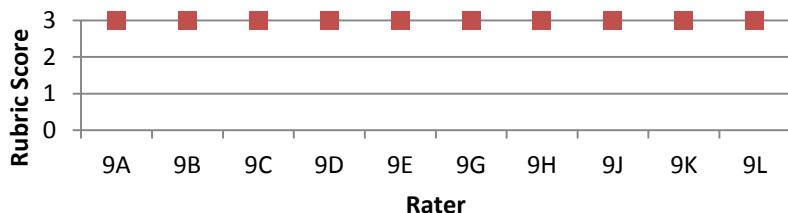
Student 64: Identifies Types of Information Sources



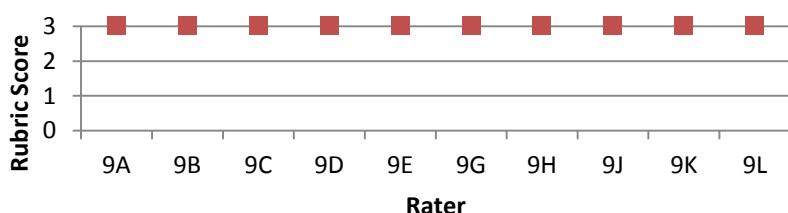
Student 65: Identifies Types of Information Sources



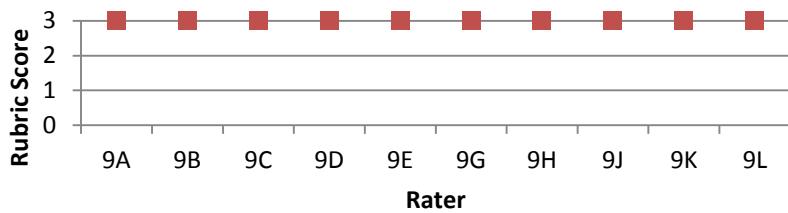
Student 66: Identifies Types of Information Sources



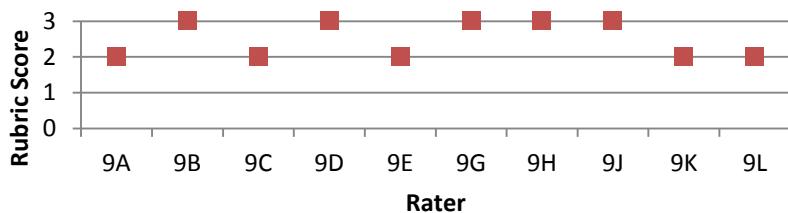
Student 67: Identifies Types of Information Sources



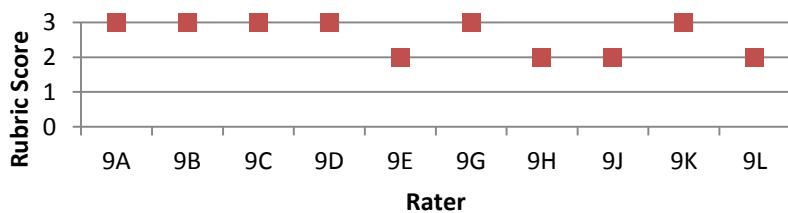
Student 68: Identifies Types of Information Sources



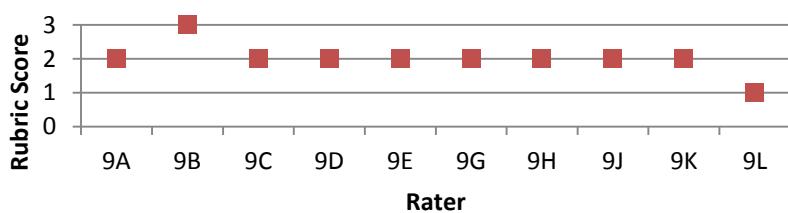
Student 69: Identifies Types of Information Sources



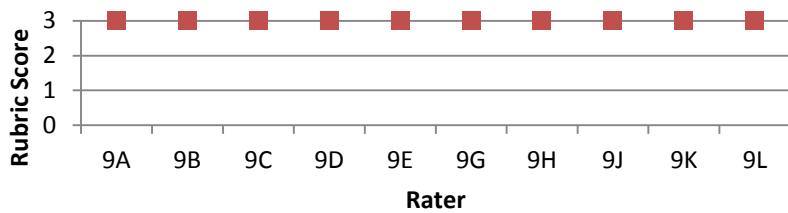
Student 70: Identifies Types of Information Sources



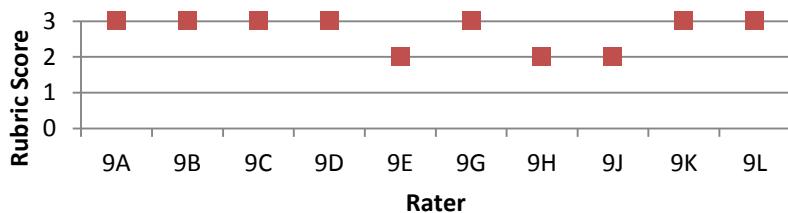
Student 71: Identifies Types of Information Sources



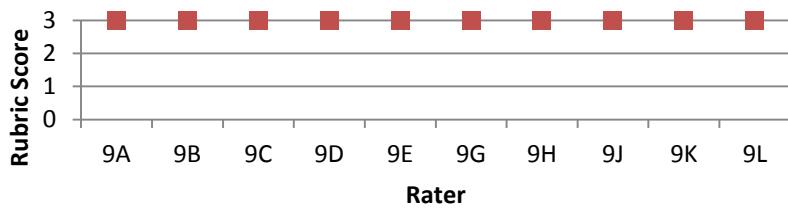
Student 72: Identifies Types of Information Sources



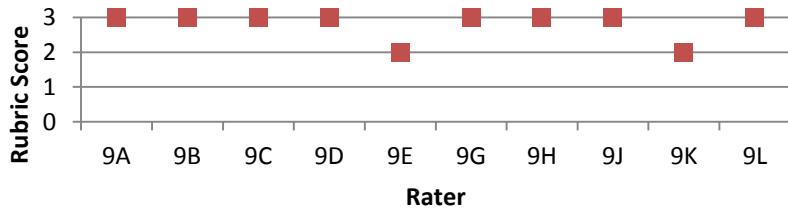
Student 73: Identifies Types of Information Sources



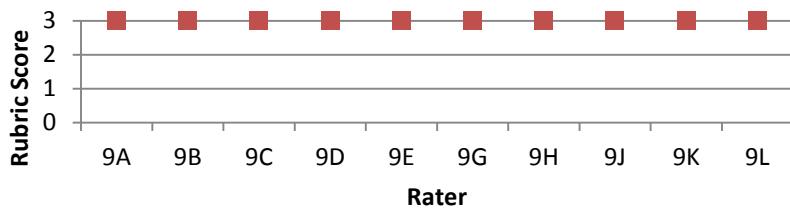
Student 74: Identifies Types of Information Sources



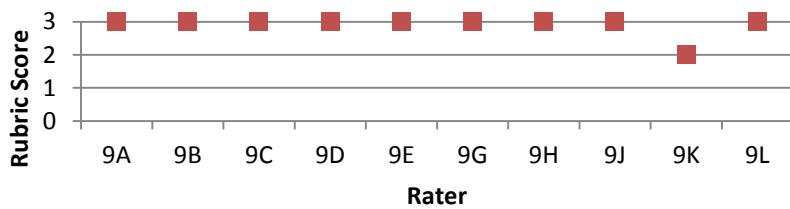
Student 75: Identifies Types of Information Sources



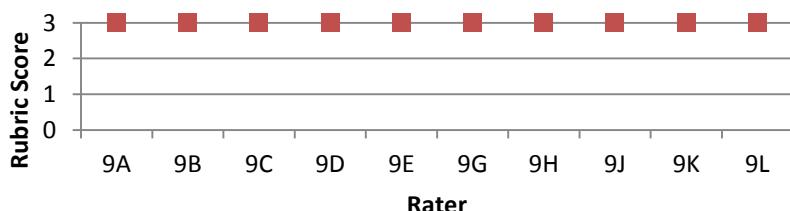
Student 76: Identifies Types of Information Sources



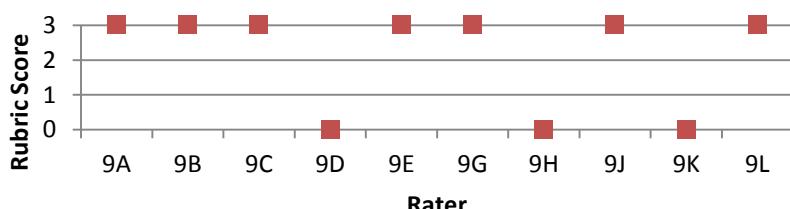
Student 77: Identifies Types of Information Sources



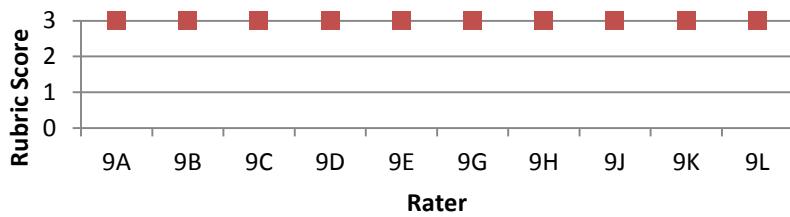
Student 78: Identifies types of information sources



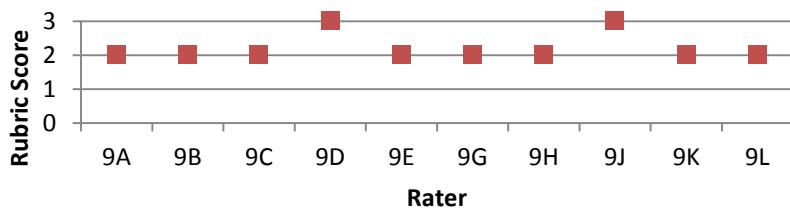
Student 79: Identifies Sypes of Information Sources



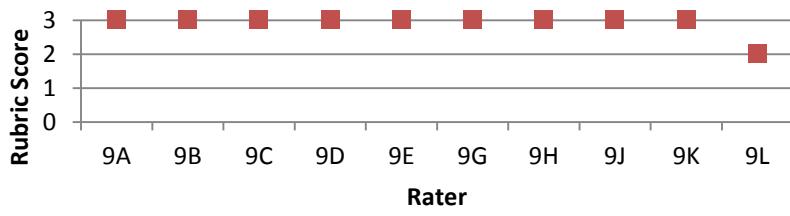
Student 80: Identifies Types of Information Sources



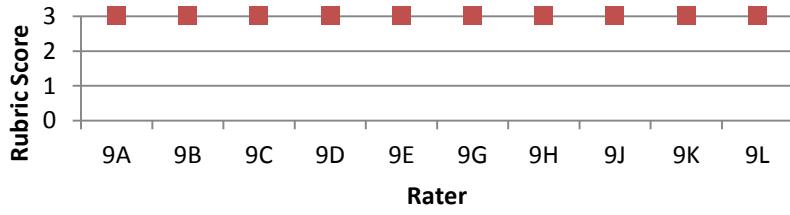
Student 81: Identifies Types of Information Sources



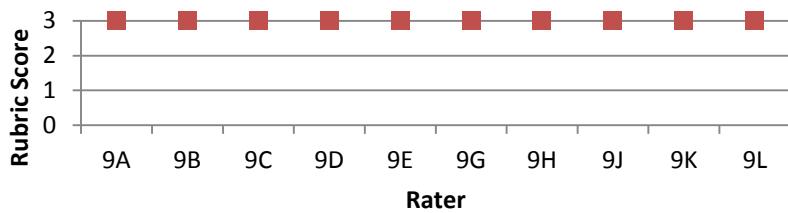
Student 82: Identifies Types of Information Sources



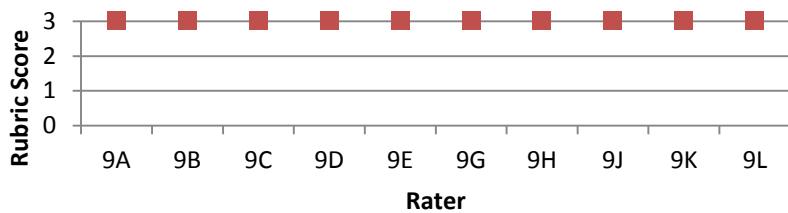
Student 83: Identifies Types of Information Sources



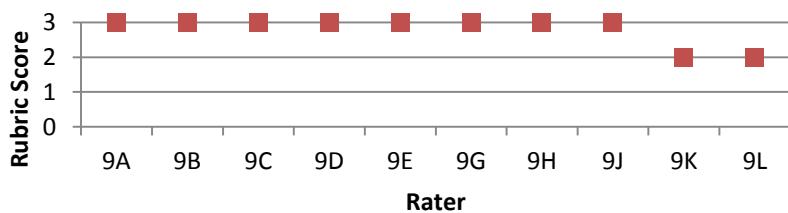
Student 84: Identifies Types of Information Sources



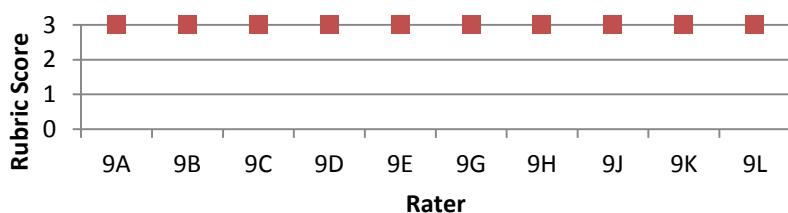
Student 85: Identifies Types of Information Sources



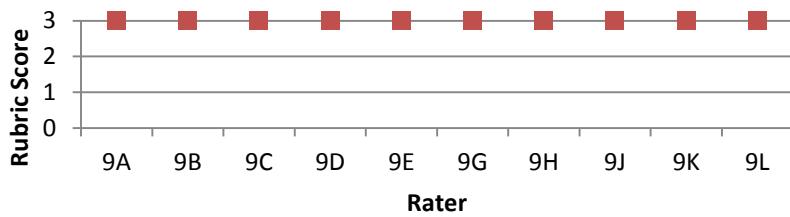
Student 86: Identifies Types of Information Sources



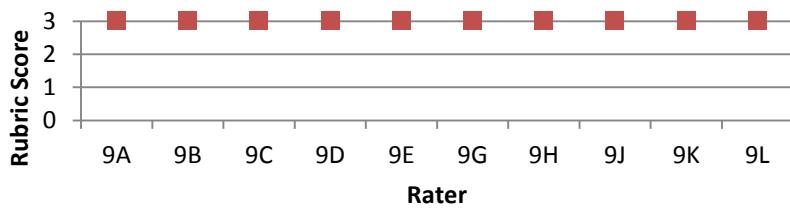
Student 87: Identifies Types of Information Sources



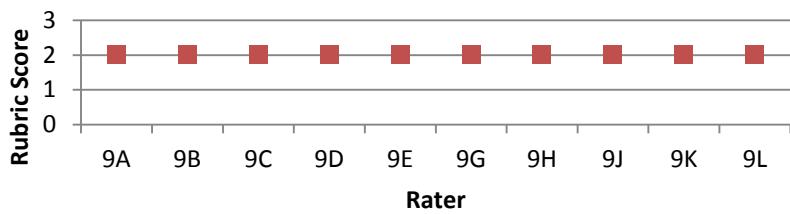
Student 88: Identifies Types of Information Sources



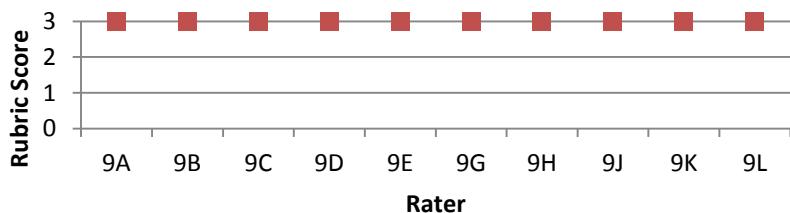
Student 89: Identifies Types of Information Sources



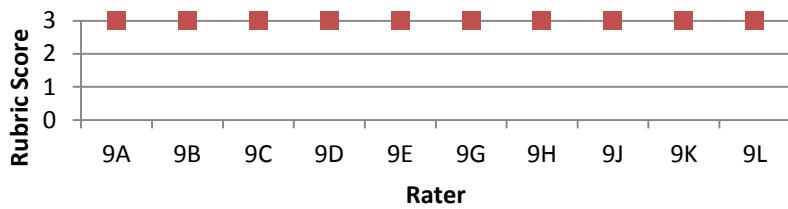
Student 90: Identifies Types of Information Sources



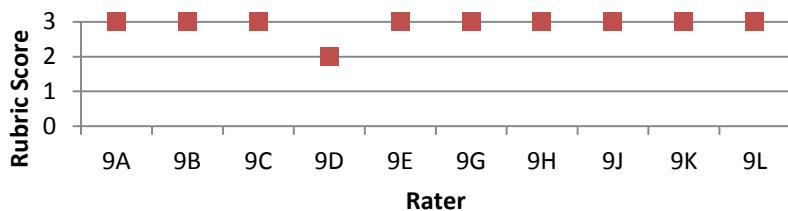
Student 91: Identifies Types of Information Sources



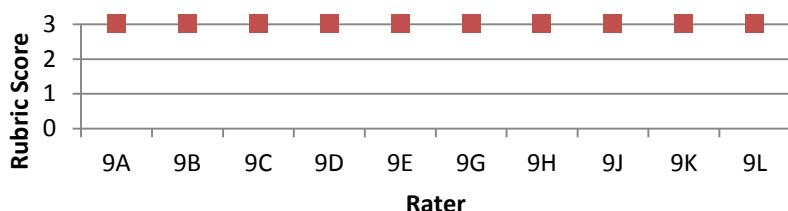
Student 92: Identifies Types of Information Sources



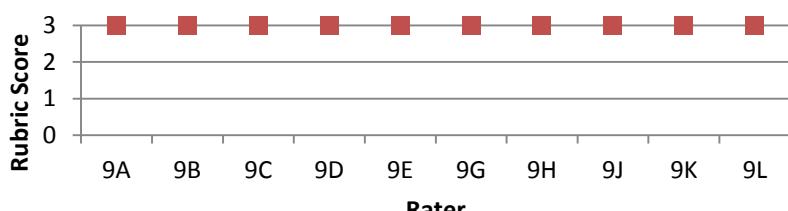
Student 93: Identifies Types of Information Sources



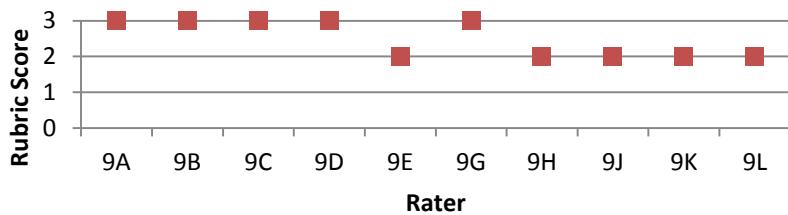
Student 94: Identifies Types of Information Sources



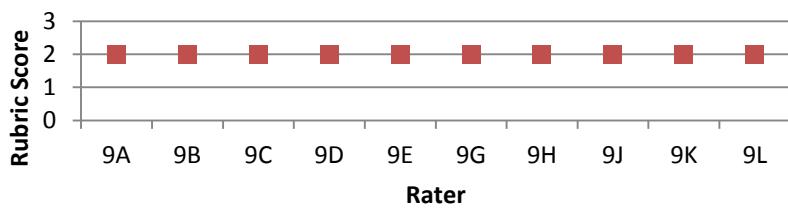
Student 95: Identifies Types of Information Sources



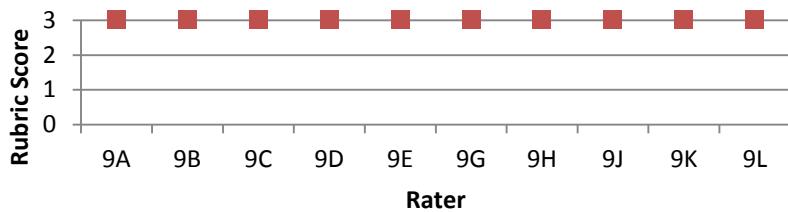
Student 96: Identifies Types of Information Sources



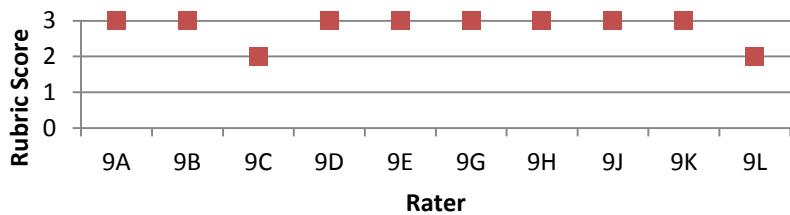
Student 97: Identifies Types of Information Sources



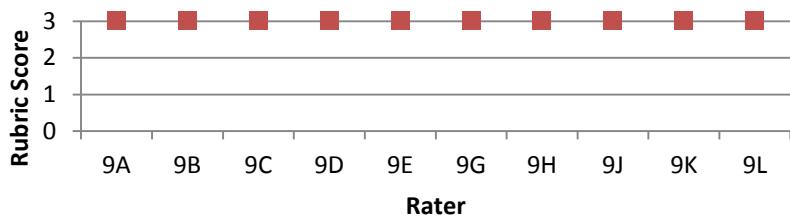
Student 98: Identifies Types of Information Sources



Student 99: Identifies Types of Information Sources



Student 100: Identifies Types of Information Sources

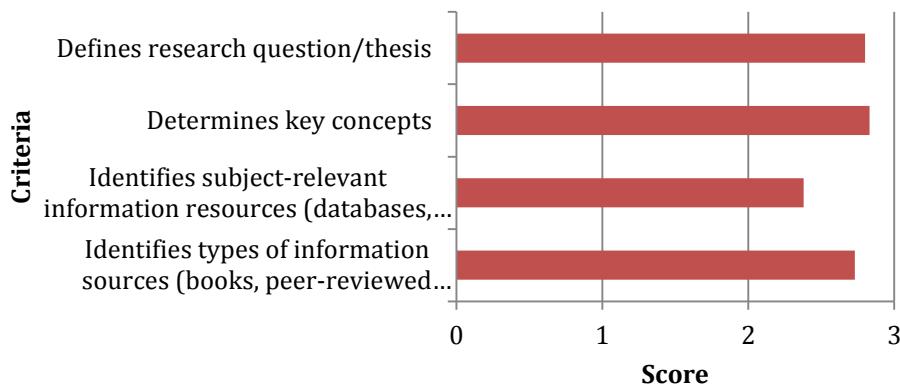


Student/Rater: Average Rater Scores by Criteria

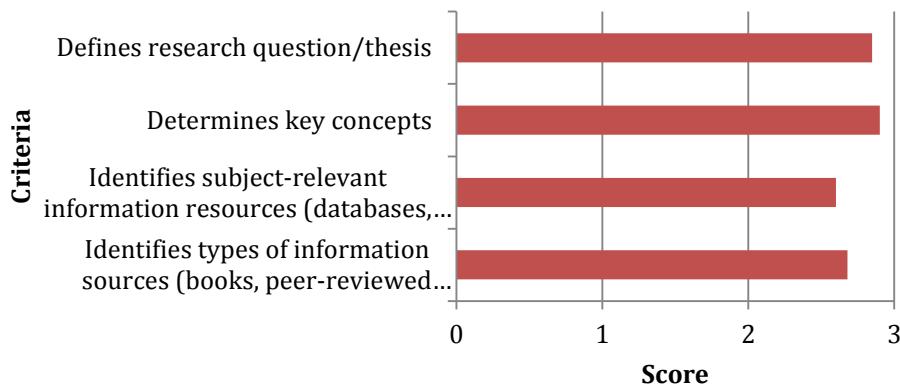
Inter-rater reliability

These graphs show the average performance level each rater assigned all students for each RAILS rubric criteria, showing the variation among raters when each graph is compared. There is a chart for each rater.

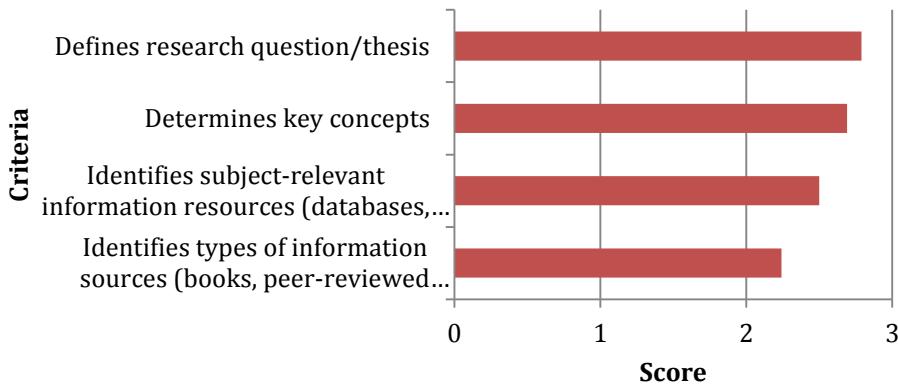
9A: Average Rater Scores by Criteria



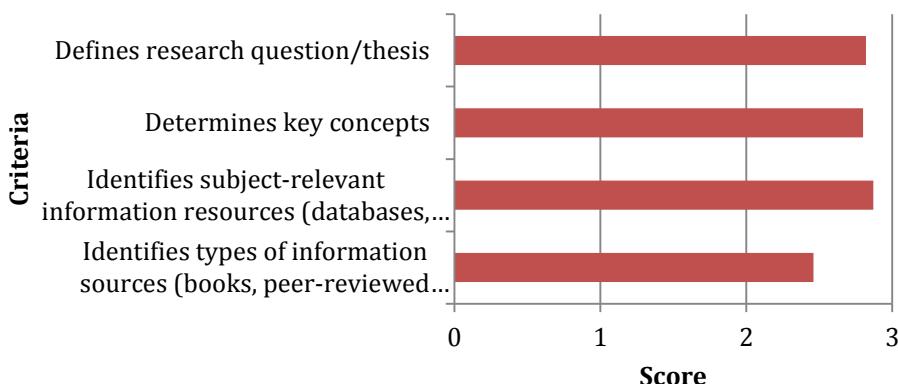
9B: Average Rater Scores by Criteria



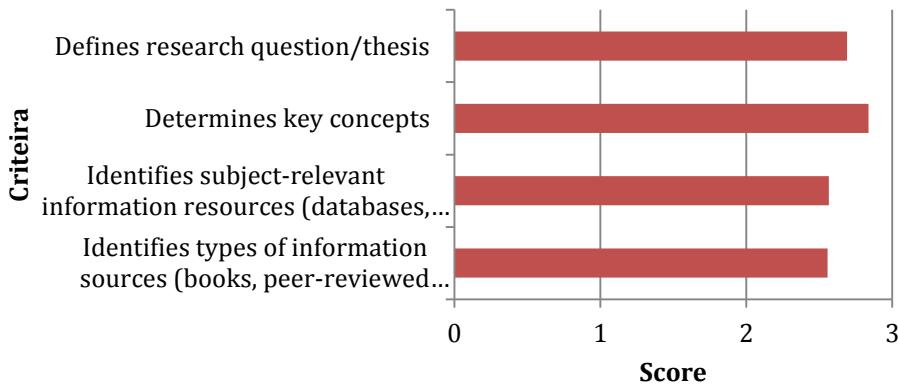
9C: Average Rater Scores by Criteria



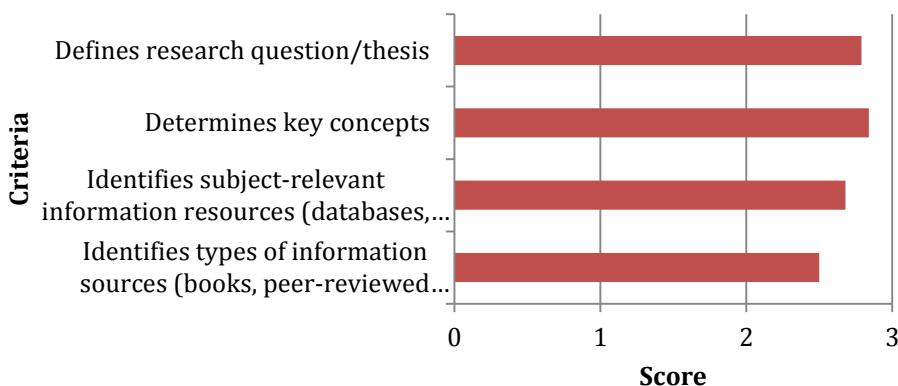
9D: Average Rater Scores by Criteria



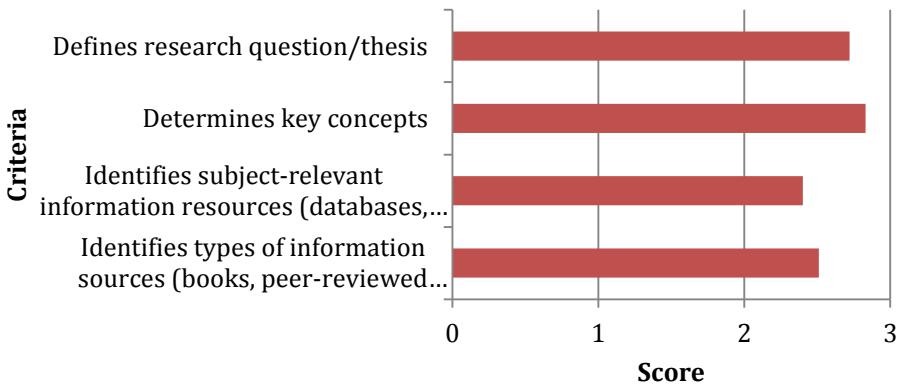
9E: Average Rater Scores by Criteria



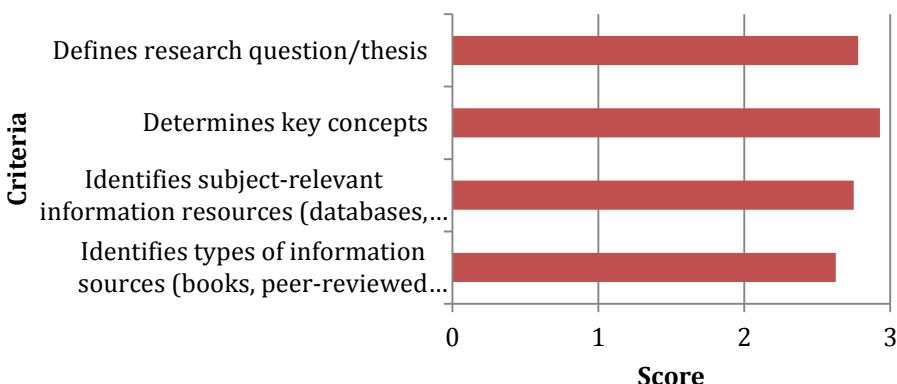
9G: Average Rater Scores by Criteria



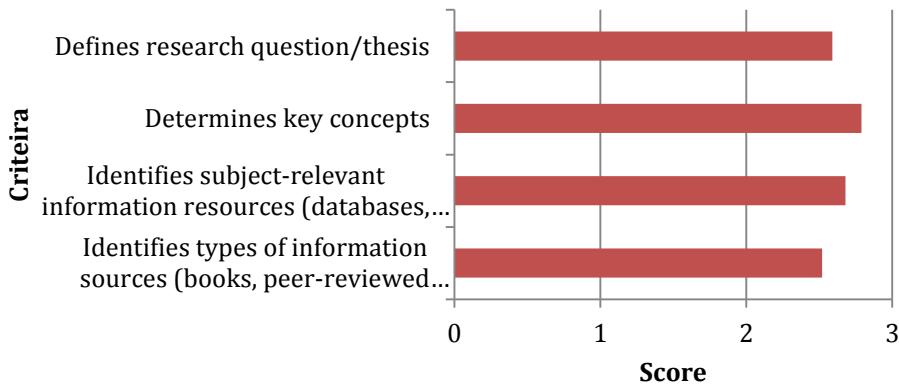
9H: Average Rater Scores by Criteria



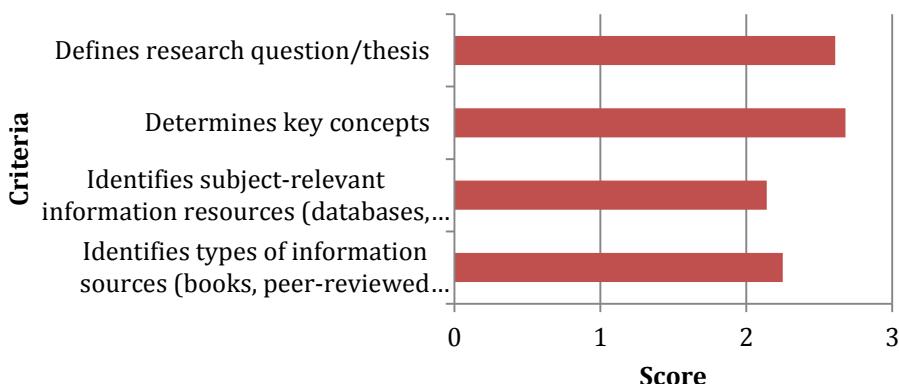
9J: Average Rater Scores by Criteria



9K: Average Rater Scores by Criteria



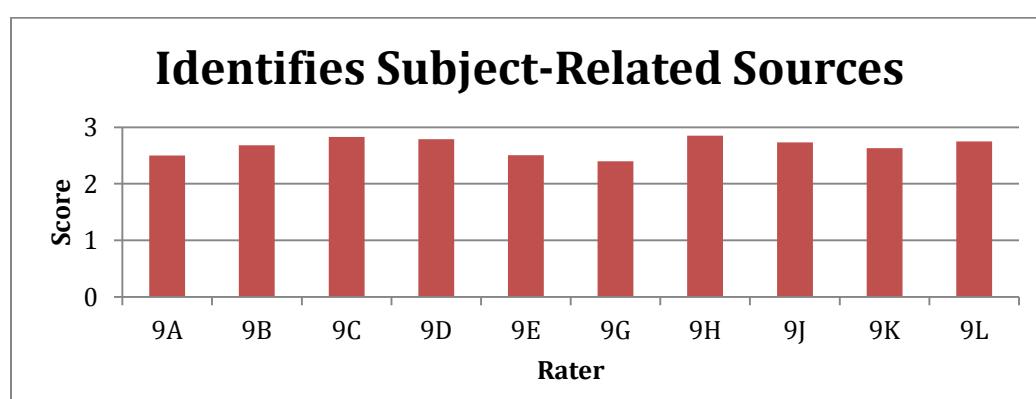
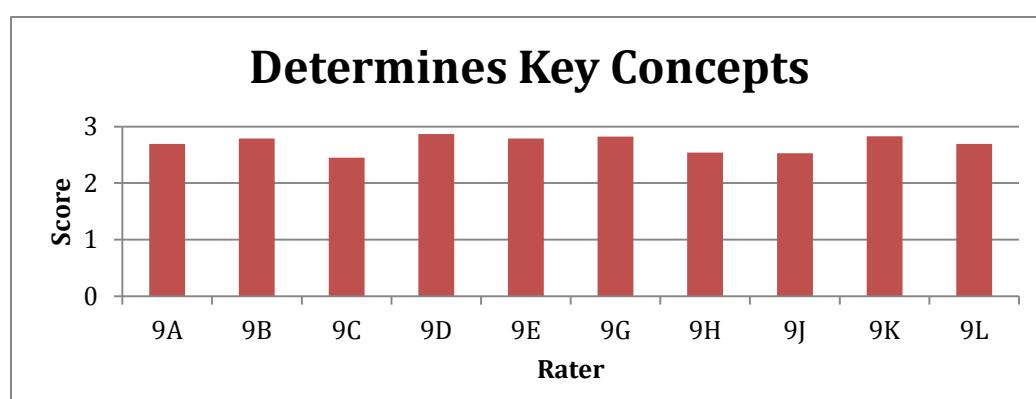
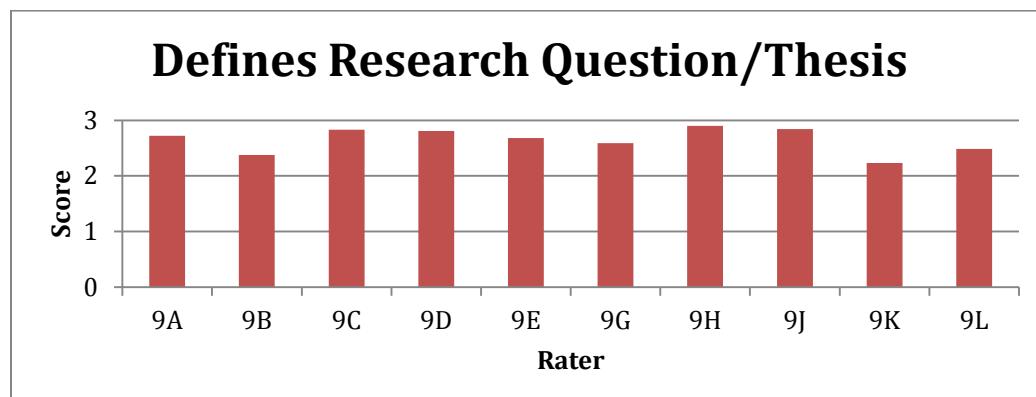
9L: Average Rater Scores by Criteria

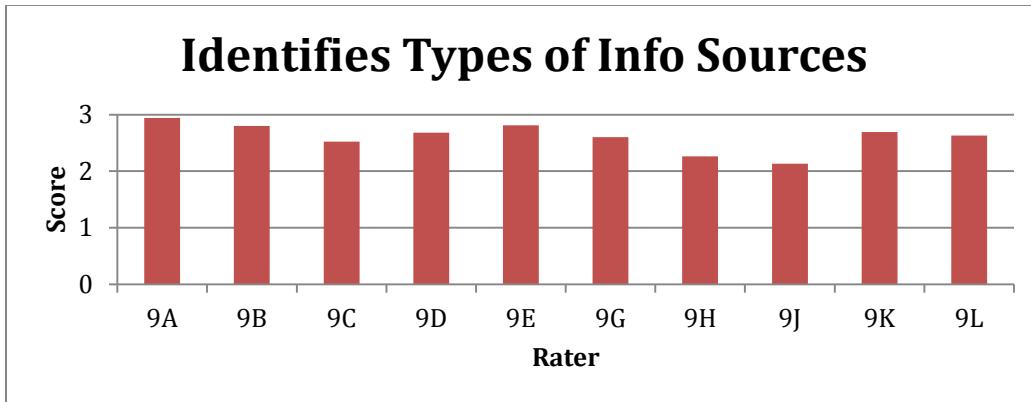


RAILS Rubric Criteria

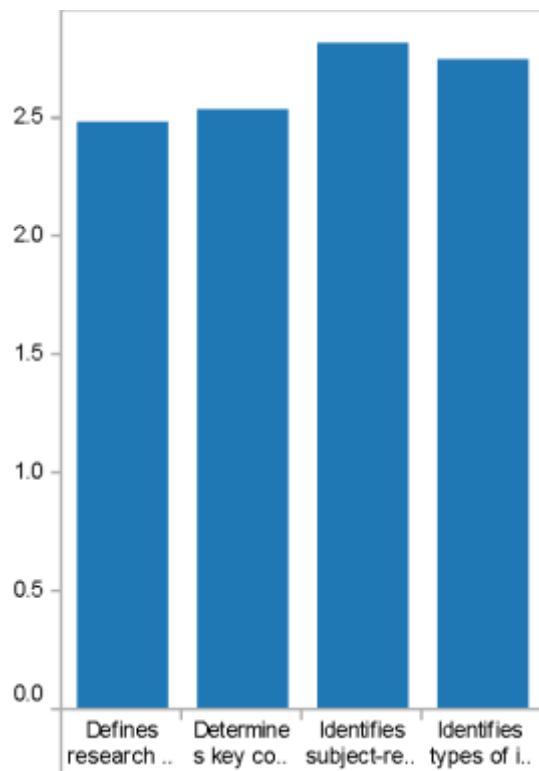
Inter-rater reliability

These graphs show the average score each rater assigned all students for each RAILS rubric criteria. There is a chart for each criterion.





Criteria Summary



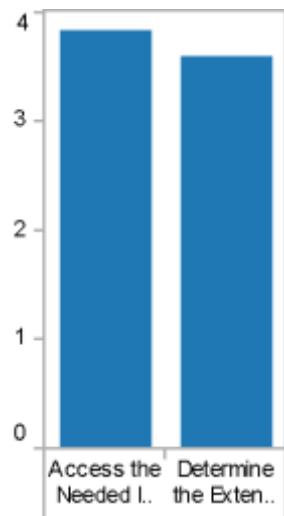
Performance level, criteria

This bar graph shows Institution 9's average RAILS rubric criteria scores.

Vertical: Score (0-3, from horizontal rubric axis, or performance level)

Horizontal: Criteria (from vertical rubric axis)

Outcomes Summary



Performance level, outcomes

This bar graph shows Institution 9's average outcomes scores.

Vertical: Score (0-3, from horizontal rubric axis, or performance level)

Horizontal: Outcomes (from AAC&U Information Literacy VALUE Rubric, as correlated to institution rubric criteria)

Student Scores

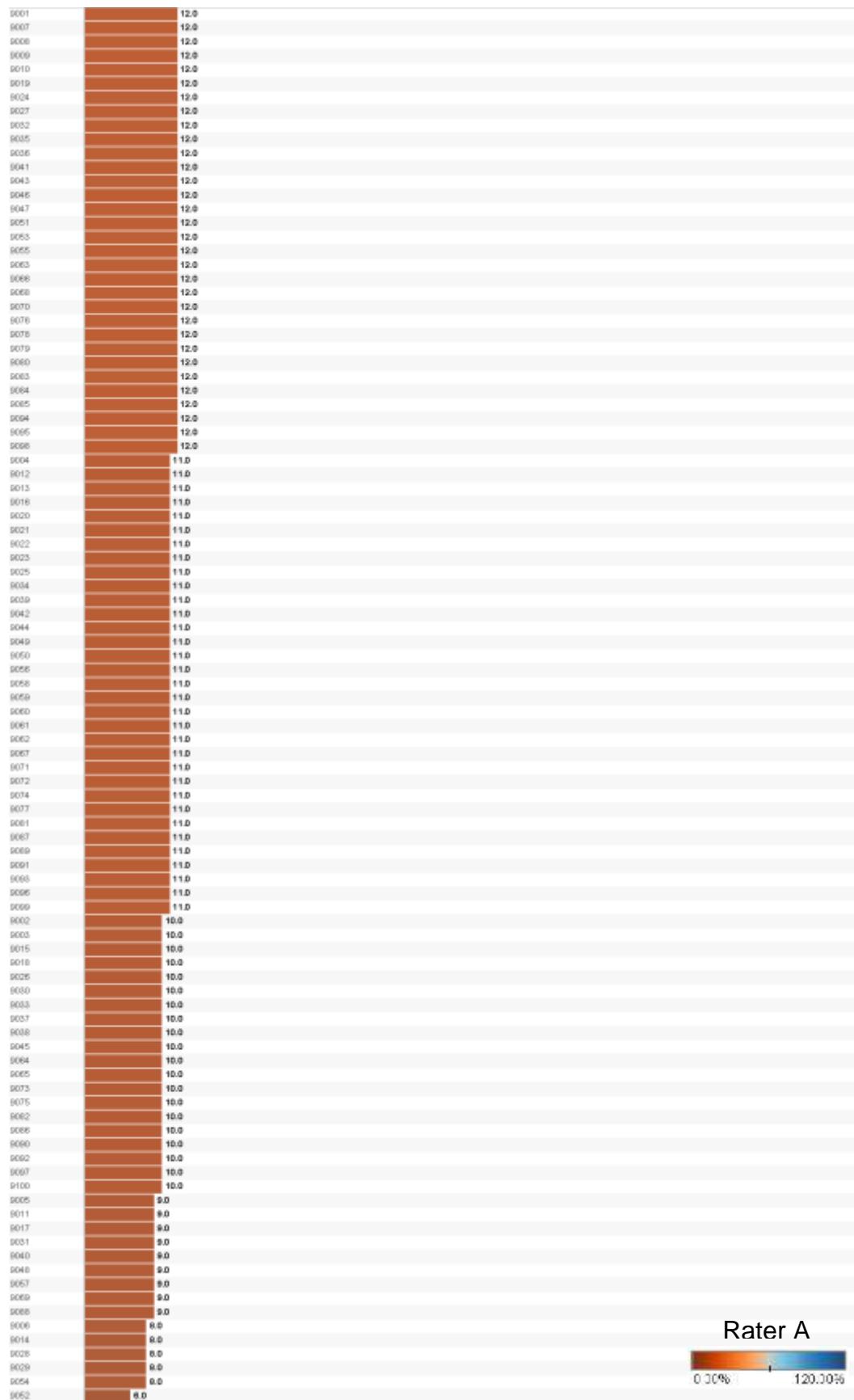
Performance level

These charts show all student scores from the maximum possible score to the minimum, organized alphabetically by Raters A-L.

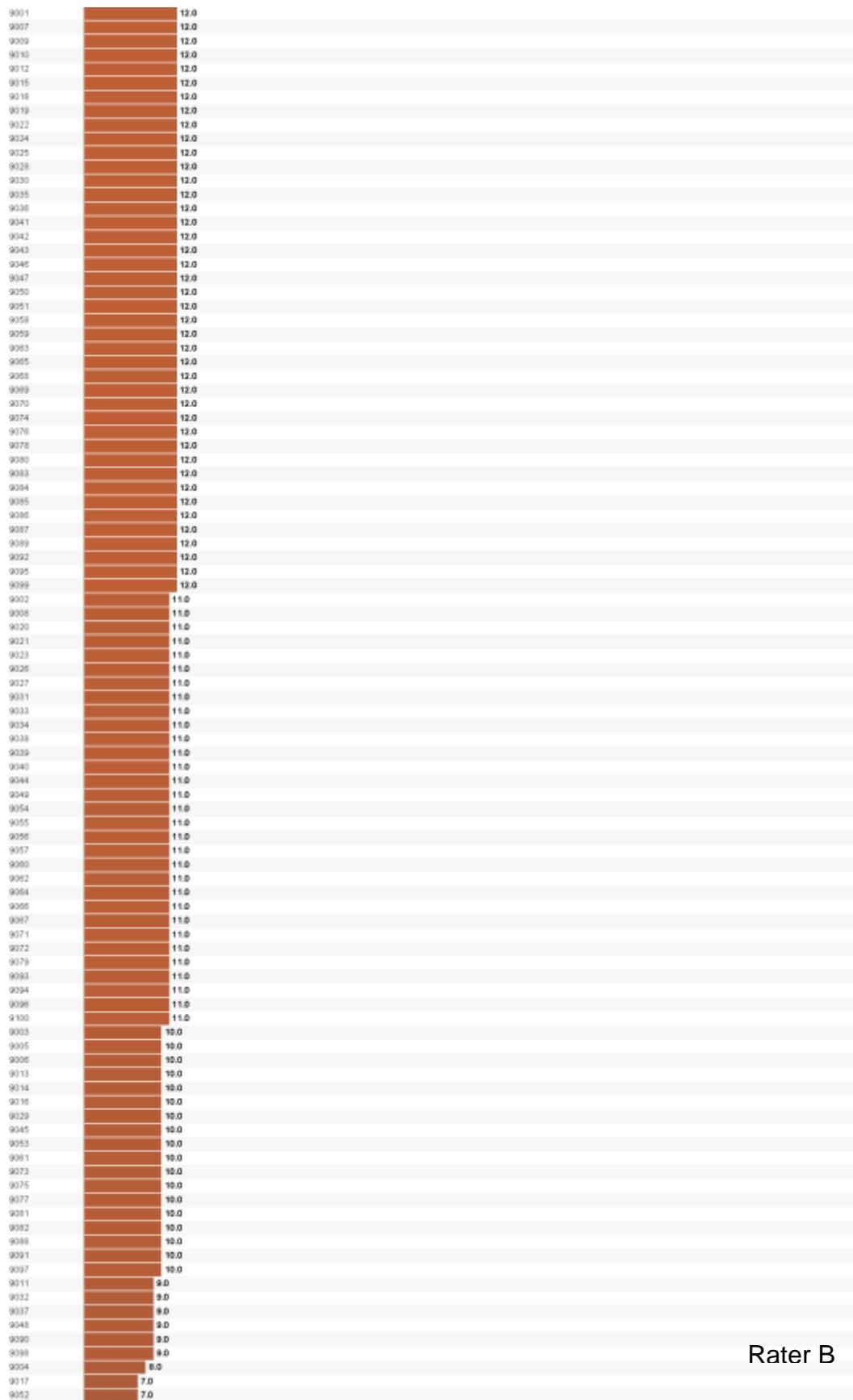
Vertical: Students (first two digits are the institution number, remaining three are the student's number from 1-100)

Horizontal: Horizontal Axis: Score (Maximum scores #)

rails Institution 9

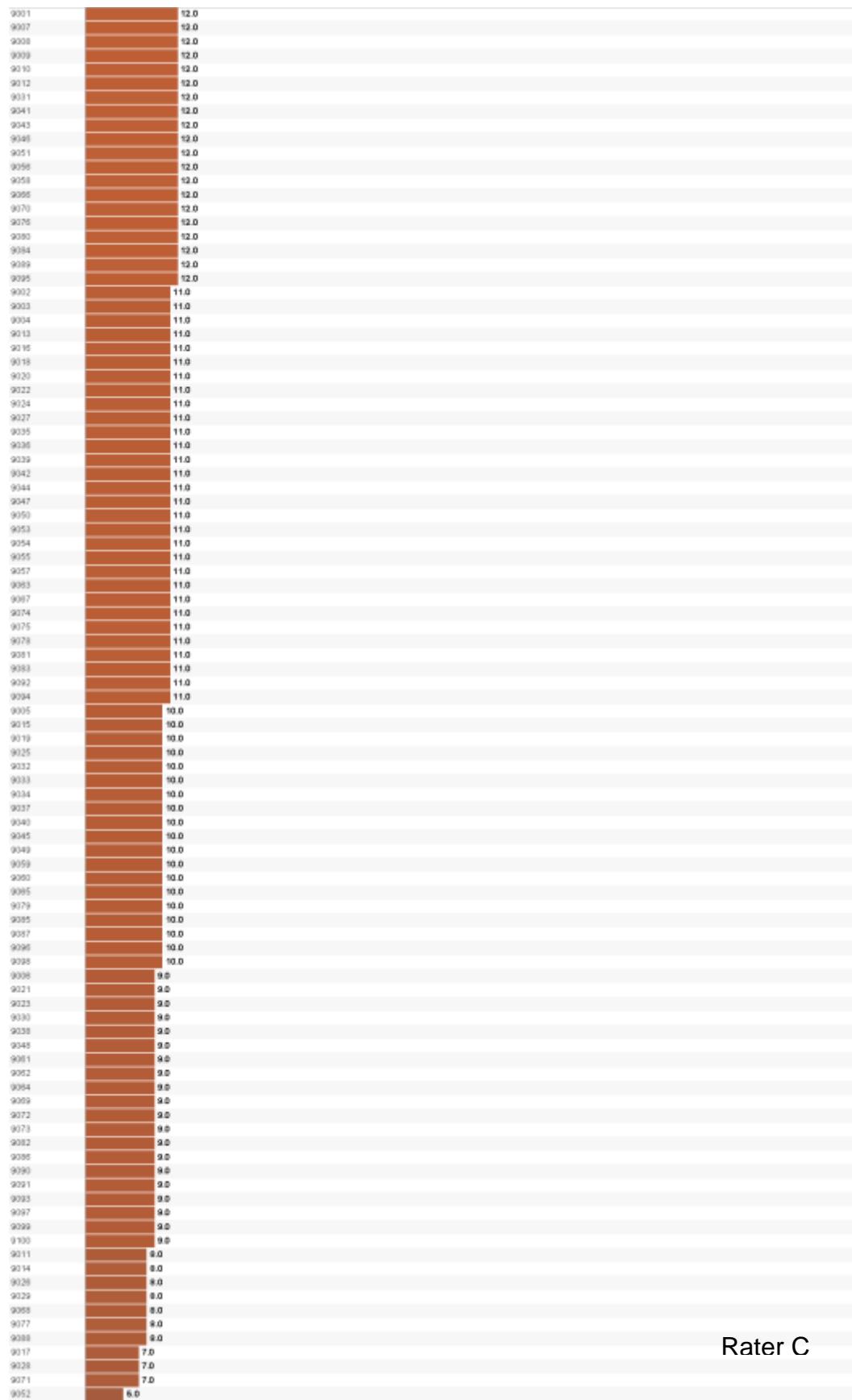


rails Institution 9



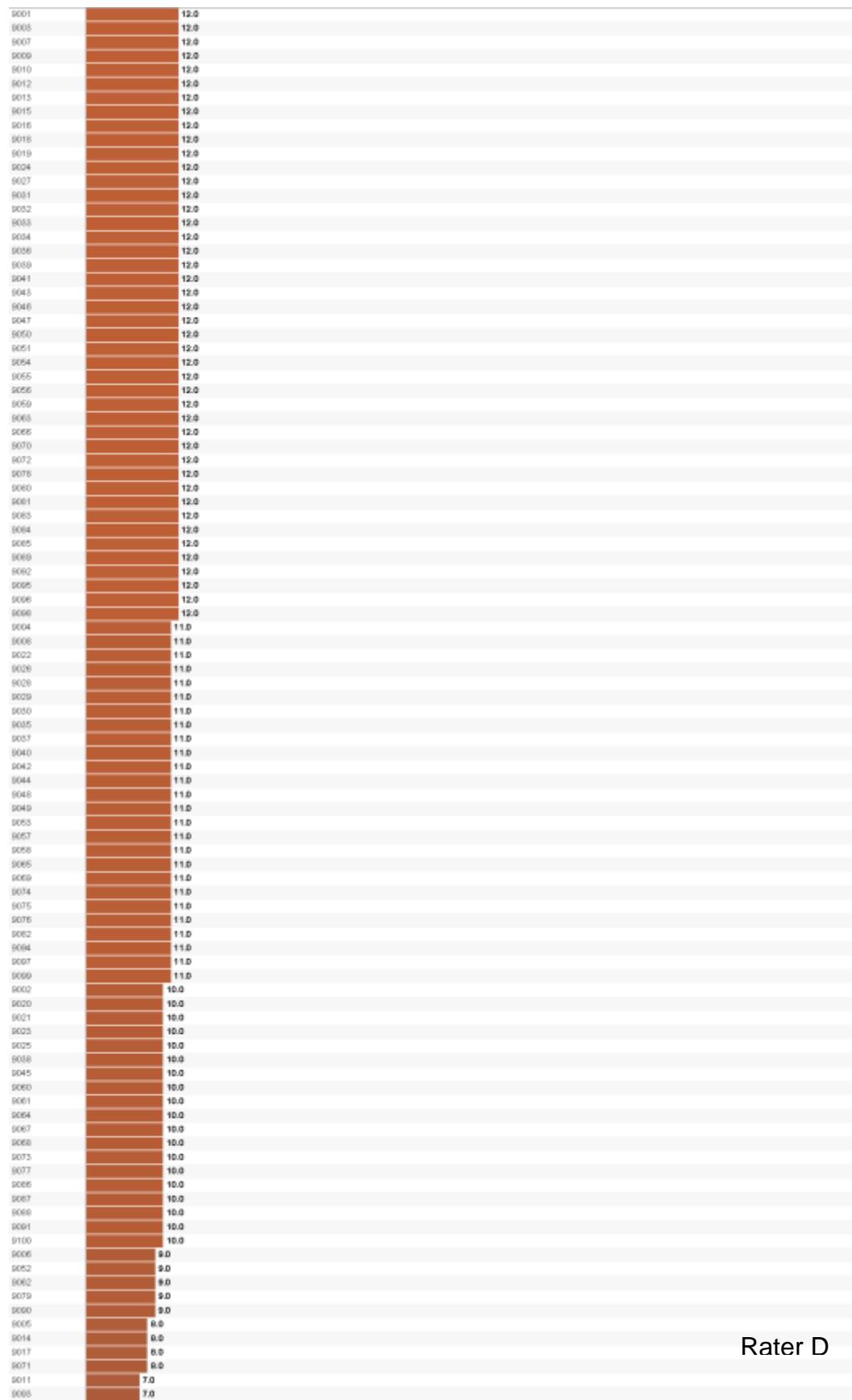
Rater B

rails Institution 9



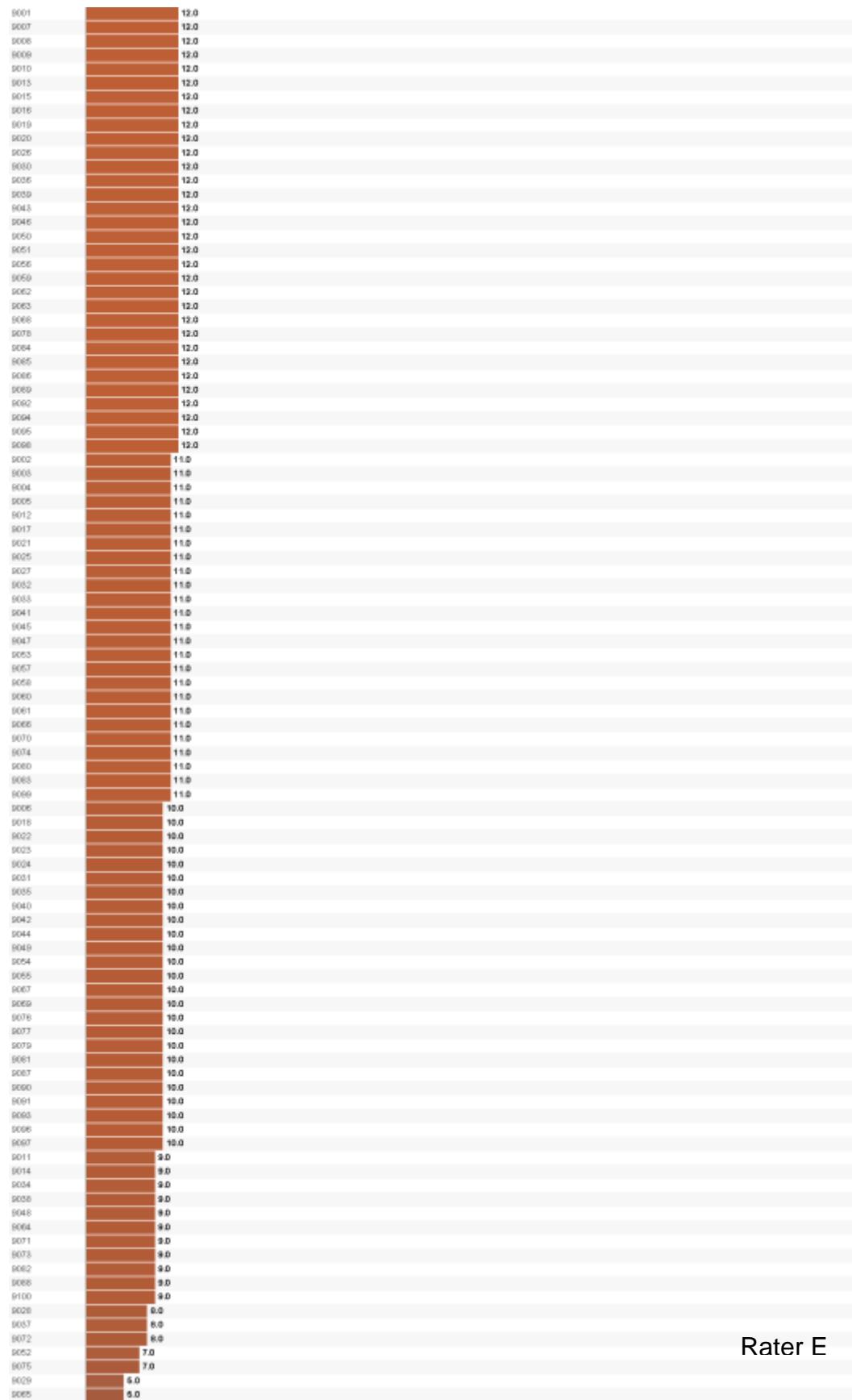
Rater C

rails Institution 9



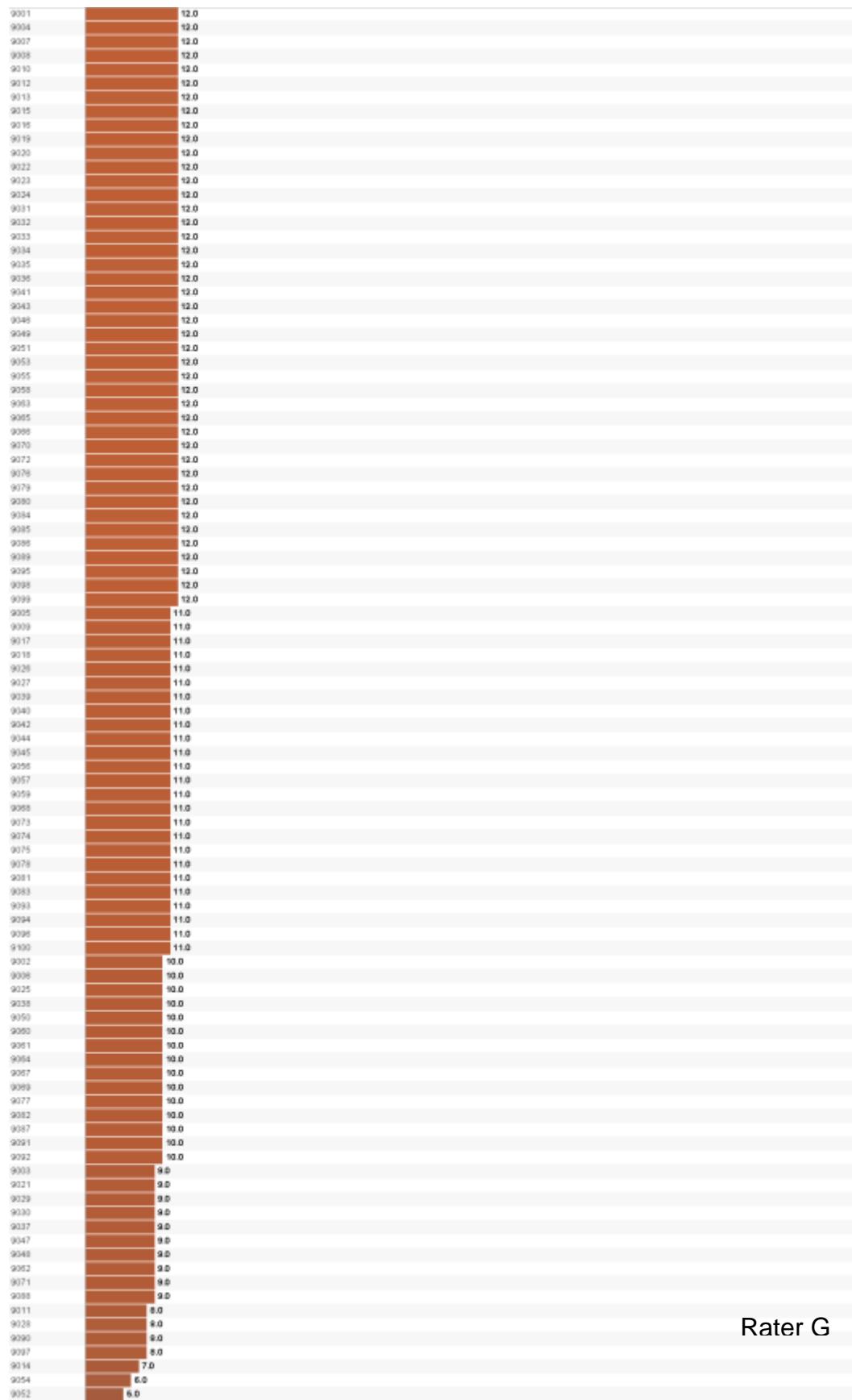
Rater D

rails Institution 9



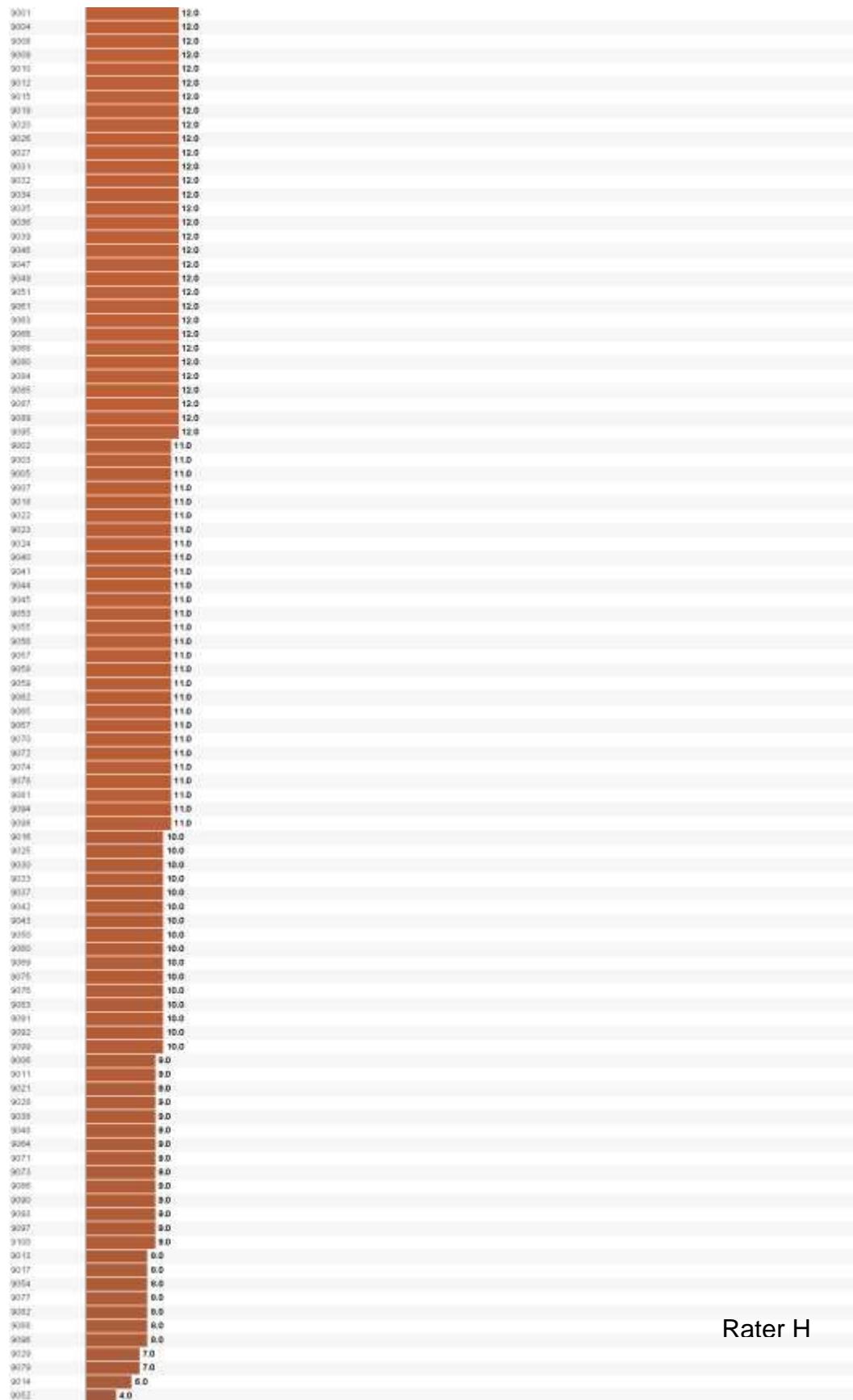
Rater E

rails Institution 9



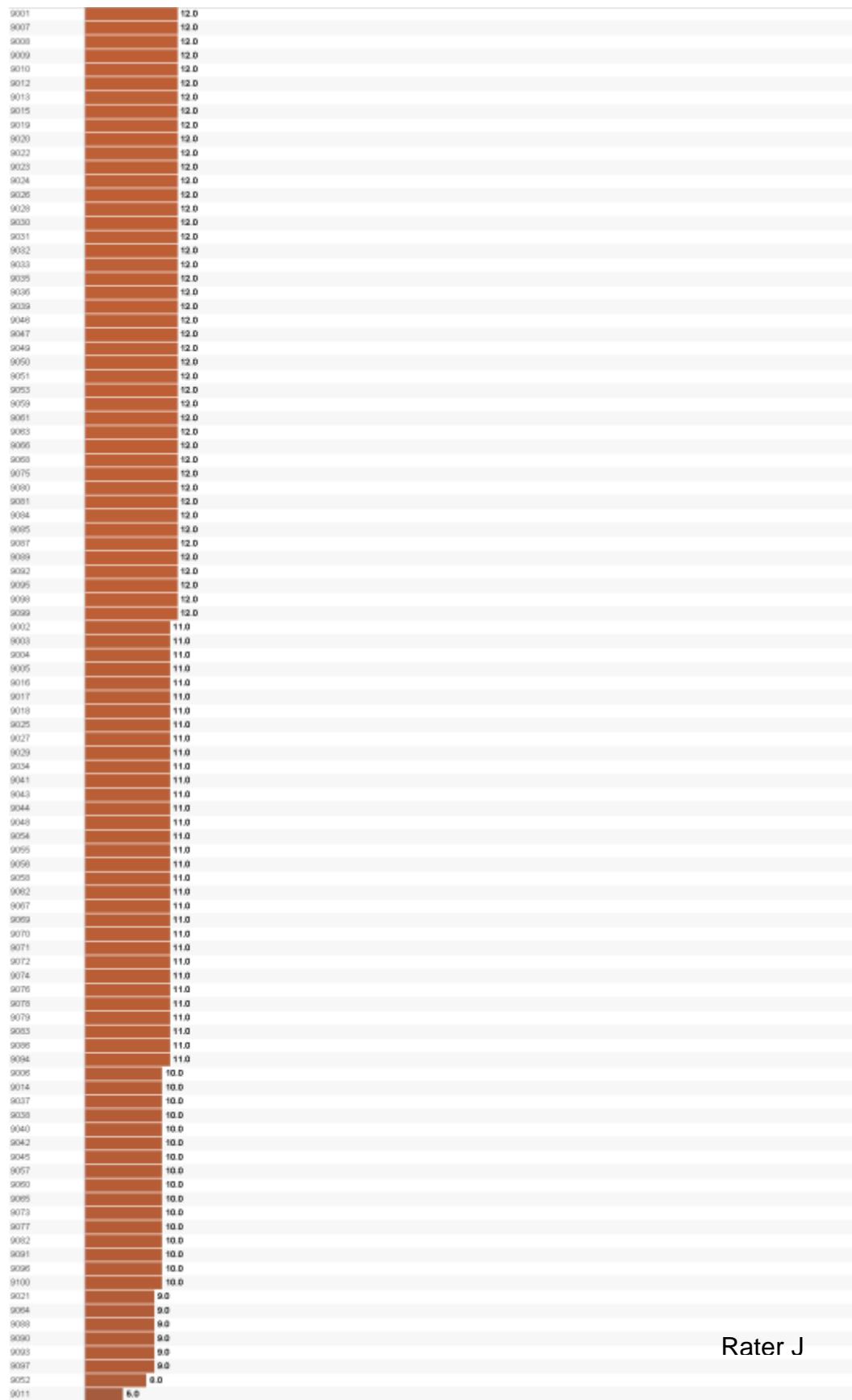
Rater G

rails Institution 9



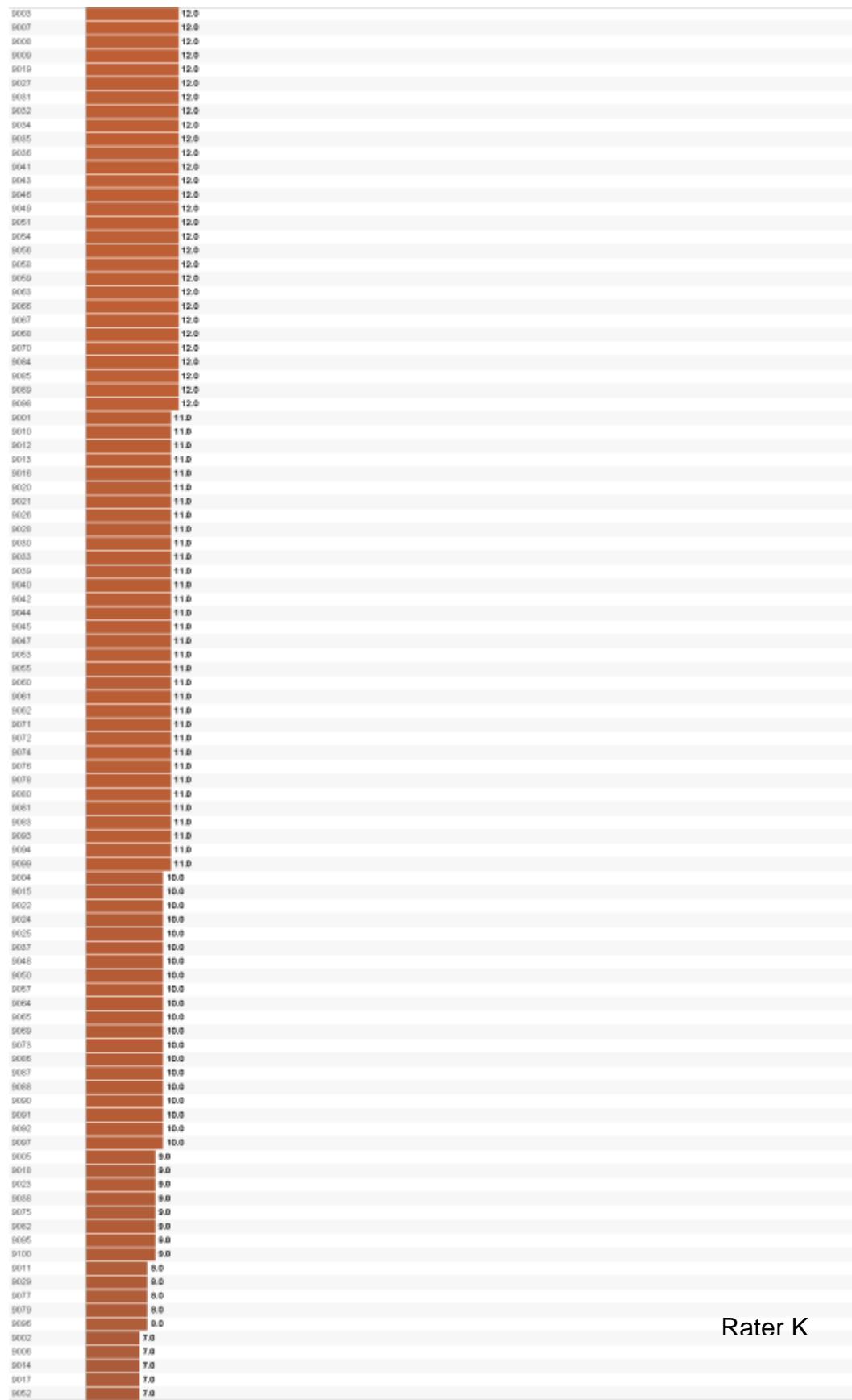
Rater H

rails Institution 9



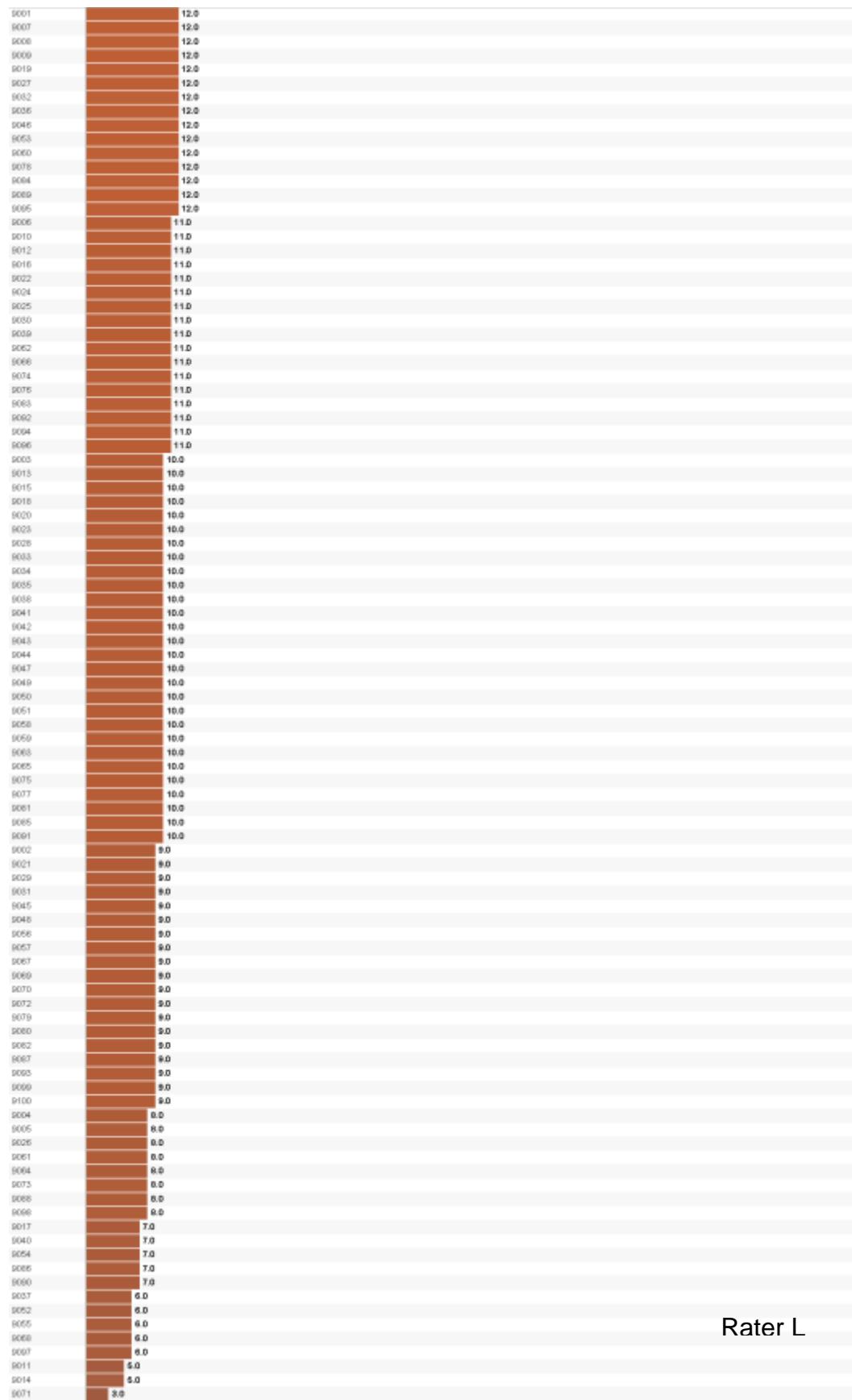
Rater J

rails Institution 9



Rater K

rails Institution 9



Rater L

Student Scores by Criteria

Performance level, criteria

This series shows performance levels raters assigned students, displayed by RAILS rubric criteria. Figure 13 shows average performance level scores, with standard deviation shaded in pink. The scattered dots on Figure 14 represent average performance level scores for each criterion broken down by rater, sorted alphabetically A-L. The grey circled numbers in Figure 15 show the average performance level displayed from a range of 0-3 or the total number of performance levels present.

Figure 13



Vertical: Criteria

Horizontal: Score from 1-4, or the number of levels present

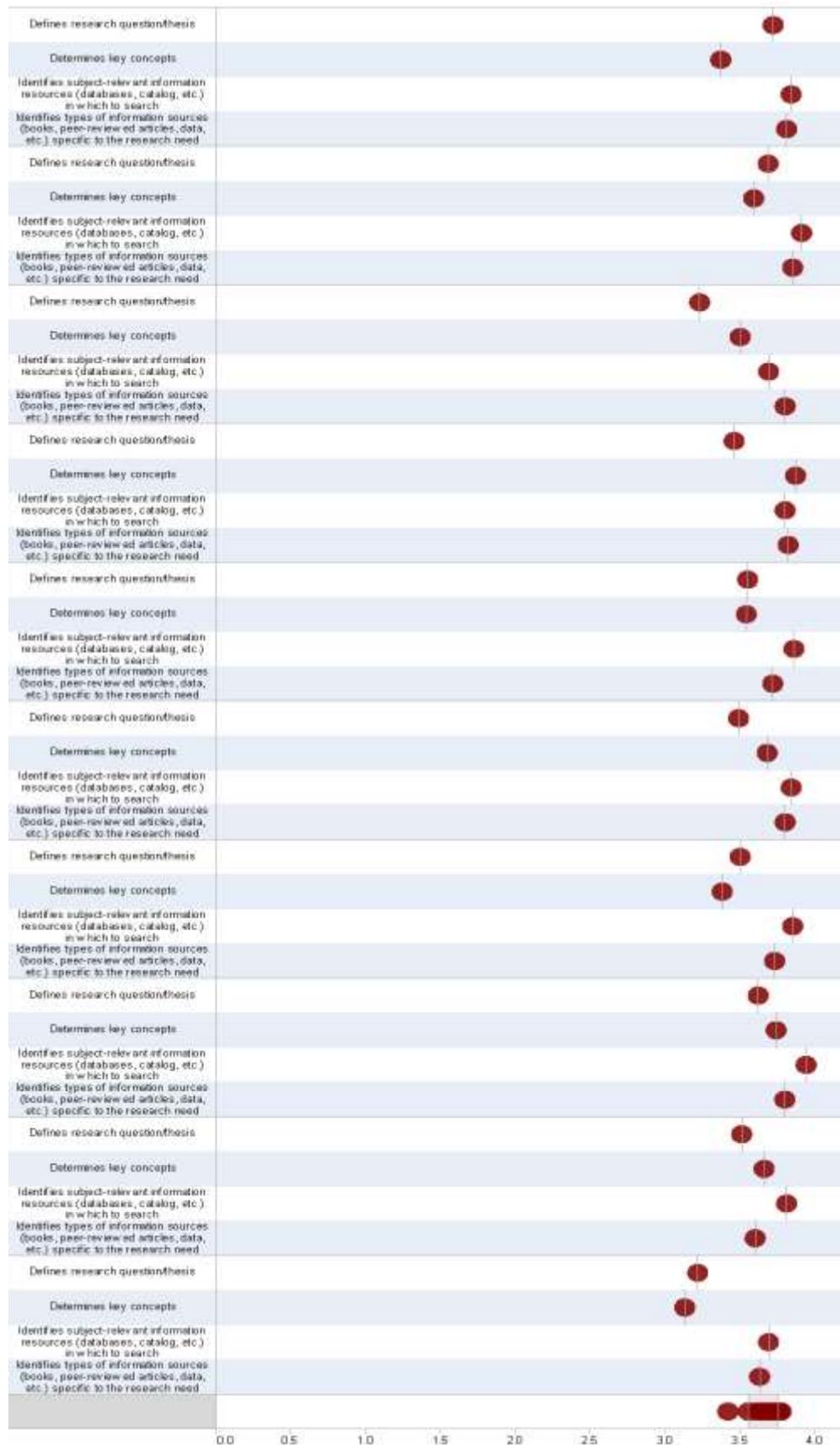
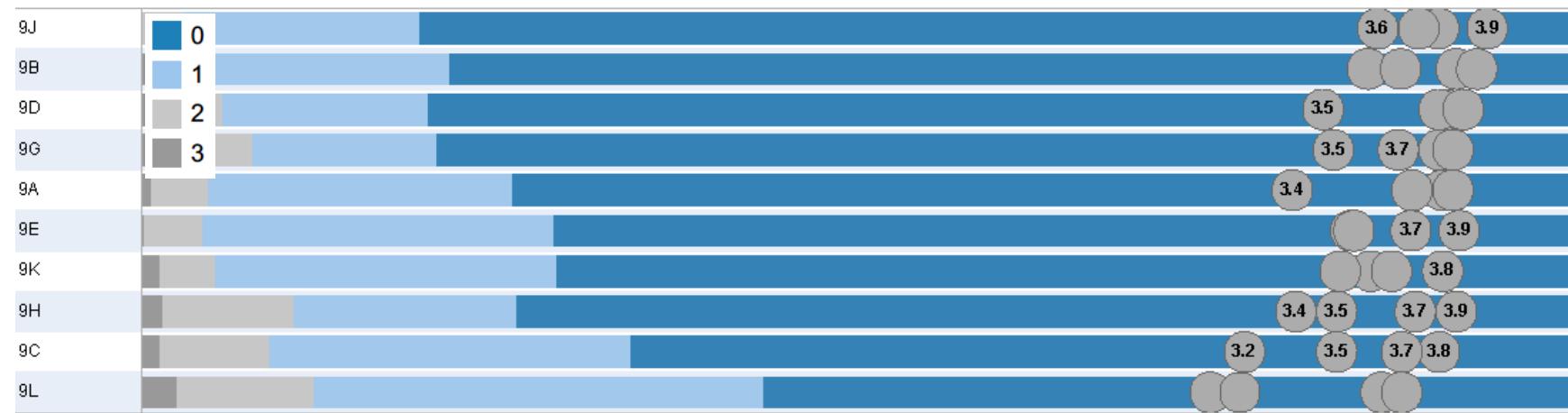


Figure 14

Vertical: Criteria

Horizontal: Score from 1-4, or the number of levels present

Figure 15



Student Scores by Criteria and Outcomes

Performance level, criteria, outcomes

This series shows outcomes performance levels raters assigned to students correlated to each rubric criteria, displayed by color. Outcomes refers to RAILS rubric criteria as correlated to AAC&U Information Literacy Value Rubrics. Figures 16-25 show average student scores sorted from highest to lowest by outcome in alphabetical order by rater, and the grey circled numbers show the average performance level displayed from a range of 0-3 or the total number of performance levels present.



Vertical: Outcomes

Horizontal: Criteria

Figure 16, Rater A



Figure 17, Rater B



Figure 18, Rater C



Figure 19, Rater D



Figure 20, Rater E



Figure 21, Rater G



Figure 22, Rater H



Figure 23, Rater J



Figure 24, Rater K



Figure 25, Rater L

