

Item Analysis Guide

This document is posted online at <https://www3.ride.ri.gov/ADP/Default/ItemAnalysis> or <https://ride.ri.gov/instruction-assessment/assessment/assessment-results>

What is the RIDE Assessment Data Portal?

The RIDE Assessment Data Portal is an open link to aggregate data dashboard visualizations and downloads that provide an in-depth presentation of assessment results data by school year at the state, district, and school levels, including by grade and/or student subgroups for all Rhode Island state assessments.

The RIDE Assessment Data Portal provides an overall item analysis of the RICAS assessment. This item analysis provides the user with a visualization of the **average number of points** or, **average percentage of points** earned on each item, by grade and content. This data includes raw scores only and cannot be used to predict proficiency levels, however, can be used to analyze overall performance by content strand or domain, item type and standard.

Frequently Asked Questions

- The scores reported are average earned raw score points.
- Scores are calculated by item including students who attempted the item (non-attempts are not included in the average).
- Students who took paper-based tests are not included in aggregations.
- Outplaced students are included in district aggregations.
- Data is suppressed where the minimum reporting requirement (at least 10 students) is not met.

To begin, choose the RICAS **content area**, **administration year**, **district or school** and **grade**, that you wish to view. Click the “**Item Analysis**” button at the top of the screen when you have completed setting your parameters.

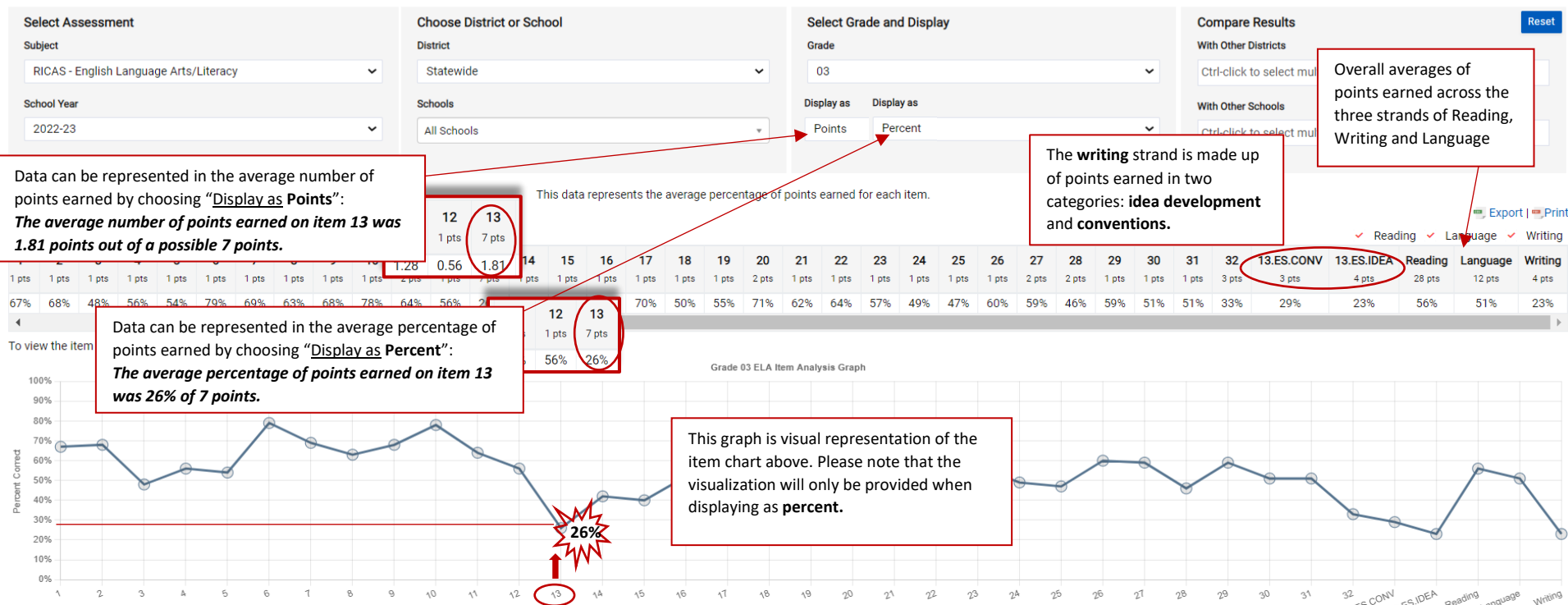
The screenshot shows the RIDE Assessment Data Portal interface. At the top, there is a navigation bar with the title "Assessment Data Portal" and the Rhode Island Department of Education logo. A red arrow points to the "Item Analysis" button in the top right corner. Below the navigation bar, there is a welcome message and a "Reset" button. The main content area is divided into four sections: "Select Assessment", "Choose District or School", "Compare Results", and "With Other Districts/Schools". In the "Select Assessment" section, the "Subject" dropdown is set to "RICAS - English Language Arts/Literacy" and the "School Year" dropdown is set to "2022-23". In the "Choose District or School" section, the "District" dropdown is set to "Statewide" and the "Schools" dropdown is set to "All Schools". In the "Compare Results" section, the "By Student Group" dropdown is set to "All Students" and the "By Grade" dropdown is set to "All Grades". The "With Other Districts" and "With Other Schools" sections each have a "Ctrl-click to select multiple" input field. At the bottom, there is a legend for the assessment results: 1-Not Meeting Expectations (red), 2-Partially Meeting Expectations (yellow), 3-Meeting Expectations (green), and 4-Exceeding Expectations (blue). The title "RICAS - English Language Arts/Literacy" is displayed below the legend.

RICAS ELA Item Analysis

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This page of the Rhode Island Public Assessment Data Portal includes the Item Level Analysis tool to assist schools and districts in utilizing the RICAS assessment data. After selecting an assessment, choose options from the various filters to customize the data displayed. All test items are displayed including ES (essay), CR (constructed response), SR (selected response), and SA (short answer). Please see the [Item Analysis Guidance Document](#) for additional information.

Item Level Analysis



The item analysis tool will display each item on the chosen assessment and the **average percentage**, or *number of points* earned on that item across the state or district.

When looking at the **writing** strand in this visualization, it is important to note that the total number of possible points for **writing** comes from the student's idea development score. The written response item is scored on both idea development and conventions. The points earned in conventions are part of the language strand which includes both conventions and selected response items that align to language standards. See visual below:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	13.ES.CONV	13.ES.IDEA	Reading	Language	Writing
1 pts	1 pts	1 pts	1 pts	1 pts	1 pts	1 pts	1 pts	1 pts	1 pts	2 pts	1 pts	7 pts	1 pts	1 pts	1 pts	1 pts	1 pts	1 pts	2 pts	1 pts	1 pts	1 pts	1 pts	1 pts	1 pts	2 pts	2 pts	1 pts	1 pts	1 pts	3 pts	3 pts	4 pts	28 pts	12 pts	4 pts
67%	68%	48%	56%	54%	79%	69%	63%	68%	78%	64%	56%	26%	42%	40%	52%	70%	50%	55%	71%	62%	64%	57%	49%	47%	60%	59%	46%	59%	51%	51%	33%	29%	23%	56%	51%	23%

To use the item analysis tool in a meaningful way, it is necessary to know the alignment between the item and the standard. By clicking on the total number of students highlighted in blue, an interactive item level analysis chart will appear. This chart includes the following information:

RICAS - English Language Arts/Literacy

This data represents

Name	Students	1	2	3	4	5	6	7	
		1 pts	1 pts	1 pts	1 pts	1 pts	1 pts	1 pts	1
2022-23 : Statewide : Grade: 03	9615	67%	68%	48%	56%	54%	79%	69%	6

Reporting Category	ELA 3-8: Reading, Writing, Language
Standard	Refers to the standard in the Rhode Island Core Standards
Item Type ELA	selected response (SR), constructed response (CR), essay (ES) Math
Correct Answer	Correct answer to the item; blanks in this column indicate a student produced response
Release Status	This field indicates if the item content was released or not released.
Possible Points	The maximum possible raw score points for the item or reporting category.
Average Number of Points or Percentage of Points	The average raw score points earned by the grade-level group (state, district, school).

Number of students included: 9615

Item Number	Reporting Category	Standard	Item Type	Item Description	Correct Answer	Release Status	Possible Points	State	
								pts	%
1	Reading	RL.3.5	SR	Determine the meaning of the words and phrases as they are used in the passage.	C	Released	1	0.67	67%
2	Reading	RL.3.1	SR	Determine the main purpose of the passage.	D	Released	1	0.68	68%
3	Language	L.3.5	SR	Use context to determine the meaning of a word or phrase.	B	Released	1	0.48	48%
4	Reading	RL.3.1	SR	Determine the main purpose of the passage.	A	Released	1	0.56	56%
5	Language	L.3.4	SR	Use context to determine the meaning of a word or phrase.	D	Released	1	0.54	54%
6	Reading	RL.3.3	SR	Determine what a specific paragraph shows about a character.	B	Released	1	0.79	79%
7	Reading	RL.3.3	SR	Determine the purpose of punctuation used in the passage.	B	Released	1	0.69	69%
8	Reading	RL.3.3	SR	Determine the cause of an event from the passage.	C	Released	1	0.63	63%
9	Reading	RL.3.3	SR	Interpret what a word suggests about a character in the passage.	C	Released	1	0.68	68%
10	Reading	RL.3.3	SR	Interpret what a word suggests about a character in the passage.	B	Released	1	0.78	78%
11	Reading	RL.3.3	SR	Interpret what a word suggests about a character in the passage.	B	Released	2	1.28	64%
12	Reading	RL.3.3	SR	Interpret what a word suggests about a character in the passage.	D	Released	1	0.56	56%

If an item has been released, you can click on the item number to view the item directly from the RICAS Digital Library.


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IN - EL909472828

Review

Read the passage about Tomas and Marisol's experience going whale watching during a trip to Mexico with their parents. Then answer the questions that follow.

from *A Vacation in Ruins*
by Precious McKenzie



1 Mom and Dad went to the hotel's front desk to see about planning a whale watching trip. That's when Tomas and I decided we'd head to the pool.

2 "Are you excited about a whale watching trip?" I

Based on the passage, what causes Tomas to fall off the boat?

☐ A. A whale knocks Tomas out of the boat.

☐ B. The boat rocks too hard and makes Tomas fall.

☐ C. Tomas leans too far over the side of the boat to touch the whale.

☐ D. Dad accidentally shoves Tomas while running to the side of the boat.

Estimate

Reset Correct Response Score Response

To use the item analysis tool in a meaningful way, it is necessary to know the alignment between the item and the standard. By clicking on the total number of students highlighted in blue, an interactive item level analysis chart will appear. This chart includes the following information:

RICAS - Mathematics

Name	Students	1 1 pts	2 1 pts	3 1 pts	4 1 pts	5 1 pts	6 1 pts	7 3 pts
2022-23 : Statewide : Grade: 03	9762	70%	66%	54%	69%	34%	43%	39%

Reporting Category	Math 3-5: Geometry, Measurement & Data, Number & Operations in Base Ten, Number & Operations—Fractions, Operations & Algebraic Thinking Math 6-7: Expressions and Equations, Geometry, Ratios and Proportional Relationships, Statistics and Probability, The Number System Math 8: Number System & Expressions/Equations, Functions, Geometry, Statistics and Probability
Standard	Refers to the standard in the Rhode Island Core Standards
Item Type Math	selected response (SR), short answer (SA), constructed response (CR)
Correct Answer	Correct answer to the item; blanks in this column indicate a student produced response
Release Status	This field indicates if the item content was released or not released.
Possible Points	The maximum possible raw score points for the item or reporting category.
Average Number of Points or Percentage of Points	The average raw score points earned by the grade-level group (state, district, school).

2022-23: RICAS - Mathematics: Grade 03: Item Analysis Report for the State of Rhode Island

Number of students included: 9762

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Item Number	Reporting Category	Standard	Item Type	Item Description	Correct Answer	Release Status	Possible Points	State	
								pts	%
1	Operations and Algebraic Thinking	3.OA.A.3	SR	Solve a word problem involving division of two whole numbers.	D	Released	1	0.70	70%
2	Operations and Algebraic Thinking	3.OA.D.9	SA		43	Released	1	0.66	66%
3	Measurement and Data	3.MD.A.2	SA			Released	1	0.54	54%
4		3.OA.B.5	SA		8	Released	1	0.69	69%
5		3.G.A.1	SR	Identify shapes with right angles.	E, B, C	Released	1	0.34	34%
6					D	Released	1	0.43	43%

Math | 3.MD.A.2

Grade 3

Strand Measurement and Data


Cluster Solve problems involving measurement and estimation of intervals of time, liquid volume, and mass.


Click on the standard to see the strand, cluster, and the language of the specific grade level standard.


If an item has been released, you can click on the item number to view the item directly from the RICAS Digital Library.


Preview


Which of these shapes appear to have at least one right angle?
Select the **three** correct answers.

☐ A 

☐ B 

☐ C 

☐ D 

☐ E 

Reset

Correct Response

Score Response

Close