

Investigating the Question (IQ) Data Report *(for use with STAAR data only)*

The **IQ Data Report** provides item-level answer choice data from STAAR, available at the campus or district level. The report corresponds to the lead4ward IQ Released Items Analysis Tool, available on the lead4ward website at:

<https://www.lead4ward.com/iq/>

Grade	Snapshot	Scaffold	Academic Vocab	Student Learning Reports	NEW Released Tests (IQ)
Kindergarten	Math	Math	Math	Math	Released Items Analysis Tool Customize your own IQ by content area, grade level, TEKS cluster, or student expectation. <input type="button" value="Check it out!"/>
	Reading/Writing		Reading/Writing	Reading/Writing	
	Science		Science	Science	
Kindergarten (Spanish)	Social Studies		Social Studies	Social Studies	
	Math		Math NEW	Math	
	Reading/Writing			Reading/Writing	
	Science			Science	
	Social Studies			Social Studies	

Note: lead4ward recommends becoming familiar with the online Released Items Analysis Tool prior to generating the IQ Data Report in Aware.

IQ: INVESTIGATING THE QUESTIONS

Released Items Analysis Tool

To customize yours, complete the steps below

- content area and grade level
- filter
- TEKS clusters
- student expectations
- years

Select the content area and grade level

Select content area

8.3(C) describe how religion and virtue contributed to the growth of representative government in the American colonies

2015 - Q22

52

The Puritans established communities in colonial New England.

The Puritans held town meetings to deal with community issues.

Which sentence best completes the diagram?

F The Puritans allowed women to participate in government.

G The Puritans refused to obey the appointed governor.

H The Puritans outlawed slavery in Massachusetts.

J The Puritans developed a form of representative self-government.

*** Correct answer (J)**

5.5(A) classify matter based on physical properties, including mass, magnetism, physical state (solid, liquid, and gas), relative density (sinking and floating), solubility in water, and the ability to conduct or insulate thermal energy or electric energy

2015 - Q23

23 A student classifies the objects shown based on their physical properties.

Which property **cannot** be used to classify these objects into more than one group?

A Magnetism

B Mass

C Electrical conductivity

D Solubility in water

*** Correct answer (D)**

8.4(B) compare qualitative and quantitative responses to some prediction and comparison of real-world problems involving tables and rates

2016 - Q40

40 A teacher asked a group of students to choose their favorite type of music from the choices of rock, hip-hop, and country. The results of the survey are shown in the graph.

Favorite Type of Music

Rock	Hip-Hop	Country
10	20	30

Based on the graph, how many students would be expected to choose hip-hop or rock as their favorite type of music?

F 20

G 40

H 50

J 100

*** Correct answer (F)**

8.8(1) identify functions using sets of ordered pairs, tables, graphs, and graphs

2015 - Q25

25 Which statement describes the mapping?

F The mapping represents a function of A, because each x-value corresponds to exactly one y-value.

G The mapping does not represent a function of A, because two of the x-values correspond to the same y-value.

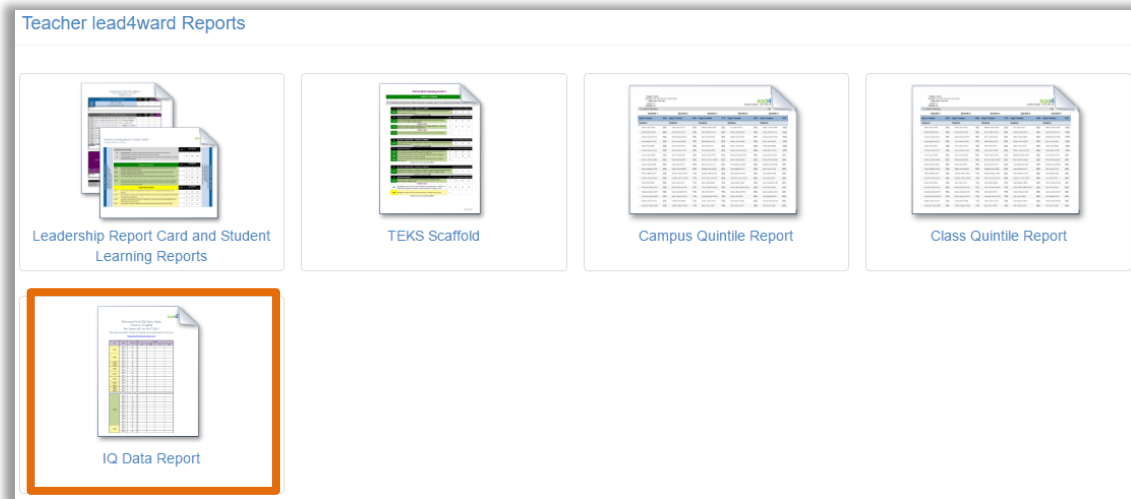
H The mapping represents a function of A, because each x-value corresponds to exactly one y-value.

J The mapping does not represent a function of A, because there are two x-values that do not correspond to any y-values.

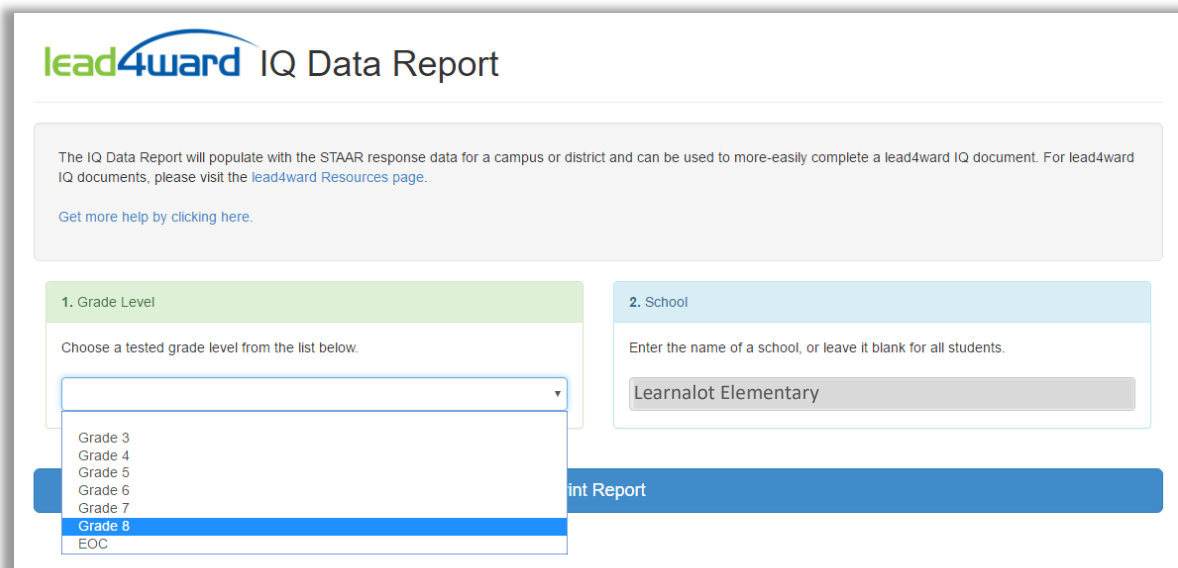
*** Correct answer (H)**

Generating the IQ Data Report

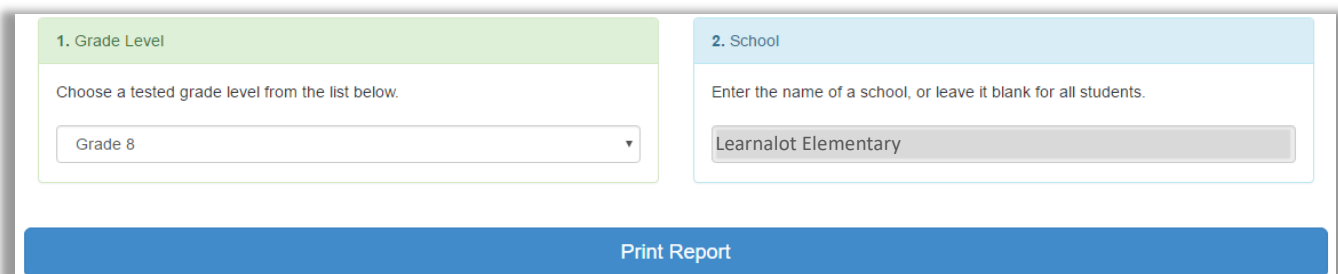
Select ***IQ Data Report*** from the lead4ward Reports menu.



The ***IQ Data Report*** is organized by grade level with all STAAR-tested subjects included in a single, downloadable, Excel file. To generate the report, select a grade level from the drop-down menu. Select "EOC" for a report that includes the five STAAR EOC courses.



When finished, click "Print Report" to generate the ***IQ Data Report*** in Excel format.



Using the IQ Data Report

- Each grade-level ***IQ Data Report*** is organized by TEKS Cluster – in the same order they appear on lead4ward Leadership Report Cards and Student Learning Reports. Aligned Student Expectations for each TEKS Cluster are then listed in numeric/alpha order with all applicable released STAAR items in descending order by year.
- Any available Spanish versions of Released Test (IQ) resources are also included on the grade-level report

2018 Released Test (IQ) Data Table Social Studies For Learnatot Middle School

Sample IQ Data Report for
Grade 8 Social Studies

Use the following local answer choice data with the lead4ward ***IQ Released Items Analysis Tool*** (link below)

[IQ Released Items Analysis Tool](#)

purple shading indicates Interesting Item on Released Test (IQ) resource

Data is organized by TEKS Cluster

				American Revolution			
Student Expectation	Year	Item #	Correct Response	Local			
				A/F	B/G	C/H	D/I
8.1(A)	2013	2	H	7	13	74	5
	2018	5	C	3	11	73	13
8.4(A)	2017	7	J	8	1	4	87
	2016	27	B	2	81	3	
	2015	8	H	4	5	77	
	2014	8	J	10	4	17	
	2013	12	H	11	12	43	
8.4(B)	2013	25	D	6	12	5	
8.4(C)	2017	20	J	8	5	27	
	2016	6	F	79	3	12	
	2015	40	F	58	11	3	
	2014	11	A	66	7	18	
	2013	48	G	5	68	17	

How to interpret and apply the IQ Data Report:

- Find 2018 item #5 from the Grade 8 2018 STAAR Social Studies test ... aligned to Student Expectation 8.4(A)
- This campus (local) data reveals:
 - **3%** of students selected answer choice **A**
 - **11%** of students selected answer choice **B**
 - **73%** of students selected answer choice **C**
 - **13%** of students selected answer choice **D**
- The correct response for this item is **C**, meaning that 73% of students answered this item correctly.
- Next, locate this item on the lead4ward IQ Released Items Analysis Tool (see below).

Note: purple shading indicates an "interesting item" identified on the IQ resource

IQ Analysis | Investigating the Question 8.4(A) RC 1

Units

8.4(A) analyze causes of the American Revolution, including the Proclamation of 1763, the Intolerable Acts, the Stamp Act, mercantilism, lack of representation in Parliament, and British economic policies following the French and Indian War

2018 - Q5

5

Cluster: American Revolution

Subcluster:

Content: Readiness

Process: 8.29(C)

Stimulus:

1764 → Sugar Act

1765 → Stamp Act

1767 → Townshend Acts

Data Analysis

Item	State	Local	Error Analysis
A	7		<input type="checkbox"/> Guessing
B	16		<input type="checkbox"/> Stopped Too Early
C*	60		<input type="checkbox"/> Mixed Up Concepts
D	16		

What was the primary reason Parliament passed these acts?

A To promote the growth of cottage industries in the colonies

B To encourage foreign trade with the colonies

C To recover the cost of defending the colonies

D To fund the establishment of new colonies

*Correct Answer (C)

Use the ***IQ Data Report*** to analyze your local answer choice data side-by-side with state-level answer choice data for each item.

The data allows for more thorough and thoughtful analysis of error patterns, item stimulus, distractors, etc.

Item sample from Grade 8
Social Studies IQ resource