

# IXL and the new STAAR question types



IXL is fully web-based, providing practice with question types and in an environment similar to what students will experience with the new STAAR test. Additionally, IXL's writing strategies skills break down the complex and daunting writing process into manageable parts. This allows students to develop their skills by practicing with IXL content, then transferring what they have learned to their own writing.

Question Type	Question Type Description	Math	Reading Language Arts	Science	Social Studies	IXL
<b>Equation Editor</b>	Student can write responses in the form of fractions, expressions, equations, or inequalities.	Grades 3–8 EOC				✓
<b>Text Entry</b>	Student responds by typing a brief string of text such as a number, word, or phrase.	Grades 3–8 EOC	Grades 6–8 EOC	Grade 8 EOC		✓
<b>Graphing</b>	Student selects points, draws lines, drags bar graphs, and performs other functions to independently create different types of graphs.	Grades 3–8 EOC				✓
<b>Number Line</b>	Student selects a point, an open or closed circle, and a direction arrow to demonstrate a solution set on a number line.	Grades 6–8 EOC				✓
<b>Inline Choice</b>	Student selects the correct answer(s) from one or more drop-down menu(s).	Grades 3–8 EOC	Grades 3–8 EOC		Grade 8 EOC	✓
<b>Hot Spot</b>	Student responds by selecting one or more specific areas of a graphic.	Grades 3–8 EOC		Grades 5 & 8 EOC	Grade 8 EOC	✓
<b>Hot Text</b>	Student cites evidence by selecting highlighted text in a sentence, paragraph, or extended reading.		Grades 3–5		Grade 8 EOC	✓

Graph 0.6 on the number line.

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Select the best detail to show Thomas Jefferson had a huge collection of books.

Thomas Jefferson loved to read.

He collected books about the stars and books about history. In fact, he had one of the largest libraries in America.

Thomas Jefferson also loved to write.

He wrote letters to people like Benjamin Franklin and George Washington. In his lifetime, he wrote over 20,000 letters. That's like writing a letter a day, every day, for 55 years!

From Frank Murphy, *Thomas Jefferson's Feast*. Copyright 2003 by Random House

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Examples of hot spot and hot text

Question Type	Question Type Description	Math	Reading Language Arts	Science	Social Studies	IXL
<b>Fraction Model</b>	Student represents a fraction by dividing an object into the correct number of sections to indicate the denominator and clicking to shade the appropriate number of sections to indicate the numerator.	Grades 3–5				✓
<b>Drag and Drop</b>	Student evaluates a given number of options (words, numbers, symbols, etc.) and chooses which response(s) to drag to a given area (diagram, map, chart, etc.)	Grades 3–8 EOC		Grades 5 & 8 EOC	Grade 8 EOC	✓
<b>Multipart</b>	Student responds to a two-part question where parts A and B are scored separately. In many cases, part B asks the student to give evidence or explain their thinking for their answer to part A.		Grades 3–8 EOC	Grades 5, 8 EOC	Grade 8 EOC	✓
<b>Match Table Grid</b>	Student matches statements or objects to different categories presented in a table grid.	Grades 6–8 EOC	Grade 8 EOC		Grade 8 EOC	✓
<b>Multiselect</b>	Student can select more than one correct answer from a set of possible answers.	Grades 3–8 EOC	Grades 3–8 EOC	Grades 5 & 8 EOC	Grade 8 EOC	✓
<b>Short Constructed Response</b>	Student gives a brief explanation in their own words to demonstrate their understanding of content.		Grades 3–8 EOC	Grades 5 & 8 EOC	Grade 8 EOC	-
<b>Extended Constructed Response</b>	Student writes an in-depth response by explaining, analyzing, and evaluating information provided in a reading selection or stimulus.		Grades 3–8 EOC			-

Use the words below to label the types of rock and materials in the rock cycle.

Hint: During **crystallization**, liquid rock cools and hardens to form solid rock.

metamorphic rock    igneous rock    magma  
sedimentary rock    sediment

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*Examples of drag and drop in science, math, and social studies*

Look at the inequality.

$$6 \cdot \frac{4}{7} < 6$$

Why is this inequality true? Drag and drop the tiles to complete the explanation.

is less than 1    is greater than 1    smaller    larger

Since  $\frac{4}{7}$  \_\_\_\_\_, multiplying by  $\frac{4}{7}$  makes the value \_\_\_\_\_.

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Use the information on the map to complete the text below.

South    just two countries    North    Asia    many countries

The **Middle East** is a region made up of \_\_\_\_\_. Sometimes it is called "the Middle East and \_\_\_\_\_ Africa" because the region includes many countries in that part of Africa. Other times, people call the region "Southwest \_\_\_\_\_" because it includes many countries from that continent too.

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