

# IXL Summer Adventures



## RIISING 7TH GRADERS

Sprinkle in some learning this summer with IXL Summer Adventures! Each set of skills has a fun theme that will inspire you to explore topics in math, language arts, science, and social studies.

**Tip:** To quickly find each skill, type the three-character skill ID into the search bar at the top left of the page in IXL!

Day  
1

A picture is worth a thousand words



Compare illustrations of literary and historical subjects **(B72)**



Determine the meaning of domain-specific words with pictures **(N5K)**



Graph triangles and quadrilaterals **(E55)**



Italian Renaissance: achievements in literature and art **(N6V)**

Day  
2

Point of view



Identify the narrative point of view **(TTM)**



Distinguish facts from opinions **(F94)**



Front, side, and top view **(QTB)**



Source analysis: the Boston Massacre **(WG9)**

Day  
3

Hot and cold



Compare temperatures above and below zero **(UVD)**



Celsius and Fahrenheit temperatures **(GUE)**



Predict heat flow and temperature changes **(KKW)**



Compare thermal energy transfers **(5H9)**



Day  
4The art of  
argumentIdentify counterclaims **(6AW)**Trace an argument **(A9H)**Evaluate claims about natural resource use: groundwater **(N6M)**The Constitutional Convention **(FNH)**Day  
5

Just an average day

Interpret charts and graphs to find mean, median, mode, and range **(CYK)**Calculate the averages of traits in a population **(KVQ)**

**Activity:** Gather data from your family and friends, such as age, shoe size, or height in inches. What is the mean? What is the median? If the mean and median are different, why do you think that is?

Day  
6Get down to the  
sourceInterpret the meaning of an allusion from its source **(GZF)**Recognize the parts of a Works Cited entry (MLA 8th edition) **(AV7)**Identify primary and secondary sources **(JBU)**Origins of scientific names **(Z9E)**Day  
7It's all about  
contextUse context to identify the meaning of a word **(SUB)**Determine the meaning of idioms from context: set 1 **(FQN)**Ratios and rates: word problems **(ZB9)**Add, subtract, multiply, or divide two decimals: word problems **(8HT)**

Day  
8

Oops!

Correct errors with signs (**FYL**)Correct errors in everyday use (**GS8**)Correct capitalization errors (**GTT**)Identify and correct errors with plural and possessive nouns (**PMQ**)Day  
9

That's the opposite

Graph integers on horizontal and vertical number lines (**36C**)Integer inequalities with absolute values (**BTT**)Choose the antonym (**QK8**)Determine the meaning of words using antonyms in context (**R7J**)Day  
10

Theme park

Match the quotations with their themes (**4J8**)Determine the themes of short stories (**BDD**)

**Activity:** Find a novel you've read recently and pick out 5 of your favorite quotes. What themes do you think they support?

Day  
11

What's missing?

Does  $x$  satisfy an equation? (**VMB**)Solve one-step equations with whole numbers (**WLR**)Solve one-step equations: word problems (**BXY**)Misplaced modifiers with pictures (**J89**)

Day  
12

## Break it down

Find all the factor pairs of a number **(VTM)**Factor using the distributive property **(PGZ)**Use Greek and Latin roots as clues to the meanings of words **(N5R)**Body systems: digestion **(MVZ)**Day  
13

## Get organized

Read graphic organizers **(KCS)**Organize information by main idea **(7BE)**Organization in the human body: the heart and the circulatory system **(WYZ)**International organizations **(CES)**Day  
14

## Problem solving

Absolute value and integers: word problems **(9CW)**One-step inequalities: word problems **(N2A)**Coral reef biodiversity and human uses: explore a problem **(N2U)**Coral reef biodiversity and human uses: evaluate solutions **(UVK)**Day  
15

## What are the chances?

Probability of simple events and opposite events **(F88)**Probability of mutually exclusive events and overlapping events **(8TP)**

**Activity:** Make up your own game involving probability. Can you make the game fair? Can you change it so that you're more likely to win?

Day  
16

## Let's experiment

Experimental probability (**9AA**)Make predictions using experimental probability (**WP6**)Identify control and experimental groups (**WKB**)Understand an experimental protocol about plant growth (**WQN**)Day  
17

## Search party

Find missing angles in triangles (**TFG**)Round whole numbers and decimals: find the missing digit (**4B2**)Fill in the missing correlative conjunction (**DT6**)French and English expeditions: part I (**WSK**)Day  
18

## Cause and effect

Match causes and effects in informational texts (**F7K**)Analyze the effects of figures of speech on meaning and tone (**M8D**)Describe the effects of gene mutations on organisms (**PEV**)Causes of the American Revolution: politics and society (**DHX**)Day  
19

## Compare and contrast

Compare rational numbers (**KS2**)Compare and contrast (**QZW**)Compare information from two texts (**G7K**)Identify and compare air masses (**ES8**)

Day  
20

Clearance sale



Which is the better coupon? (WLZ)

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Sale prices (5GH)

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**Activity:** Find a percent-off sale in a newspaper ad, a local store, or online. Figure out the sales price for some items you're interested in. How much do you save? Is it more or less than you expected?