









# 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 of the page in IXL!
















Day 1	A picture is worth a thousand words	 Compare illustrations of literary and historical subjects <b>(B72)</b>
		 Determine the meaning of domain-specific words with pictures <b>(N5K)</b>
		 Graph triangles and quadrilaterals <b>(E55)</b>
		 Italian Renaissance: achievements in literature and art <b>(N6V)</b>
Day 2	Point of view	 Determine the author's point of view <b>(HR2)</b>
		 Distinguish facts from opinions <b>(F94)</b>
		 Front, side, and top view <b>(QTB)</b>
Day 3	Hot and cold	 Source analysis: the Boston Massacre <b>(WG9)</b>
		 Compare temperatures above and below zero <b>(UVD)</b>
		 Celsius and Fahrenheit temperatures <b>(GUE)</b>
		 Predict heat flow and temperature changes <b>(KKW)</b>
		 Compare thermal energy transfers <b>(5H9)</b>





Day 4	The art of argument	 Identify counterclaims ( <b>6AW</b> )
		 Trace an argument ( <b>A9H</b> )
		 Evaluate claims about natural resource use: groundwater ( <b>N6M</b> )
		 Source analysis: the Declaration of Independence ( <b>7GZ</b> )
Day 5	Just an average day	 Interpret charts and graphs to find mean, median, mode, and range ( <b>CYK</b> )
		 Calculate the averages of traits in a population ( <b>KVQ</b> )
<b>Activity:</b> 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 6	Get down to the source	 Interpret the meaning of an allusion from its source ( <b>GZF</b> )
		 Evaluate newspaper headlines for bias ( <b>2CH</b> )
		 Identify primary and secondary sources ( <b>JBU</b> )
		 Origins of scientific names ( <b>Z9E</b> )
Day 7	It's all about context	 Use context to identify the meaning of a word ( <b>5UB</b> )
		 Determine the meaning of idioms from context: set 1 ( <b>FQN</b> )
		 Ratios and rates: word problems ( <b>ZB9</b> )
		 Add, subtract, multiply, or divide two decimals: word problems ( <b>8HT</b> )

Day 8	Oops!	 Correct errors with signs <b>(FYL)</b>
		 Correct errors in everyday use <b>(GS8)</b>
		 Correct capitalization errors <b>(GTT)</b>
		 Identify and correct errors with plural and possessive nouns <b>(PMQ)</b>
Day 9	That's the opposite	 Graph integers on horizontal and vertical number lines <b>(36C)</b>
		 Integer inequalities with absolute values <b>(BTT)</b>
		 Choose the antonym <b>(QK8)</b>
		 Determine the meaning of words using antonyms in context <b>(R7J)</b>
Day 10	Theme park	 Match the quotations with their themes <b>(4J8)</b>
		 Determine the themes of short stories <b>(BDD)</b>
		<b>Activity:</b> 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?	 Find the missing exponent or base <b>(HC5)</b>
		 Solve one-step equations with whole numbers <b>(WLR)</b>
		 Solve one-step equations: word problems <b>(BXY)</b>
		 Misplaced modifiers with pictures <b>(J89)</b>

Day 12	Break it down	 Find all the factor pairs of a number ( <b>VTM</b> )
		 Factor variable expressions using the distributive property ( <b>PGZ</b> )
		 Use Greek and Latin roots as clues to the meanings of words ( <b>N5R</b> )
		 Body systems: digestion ( <b>MVZ</b> )
Day 13	Get organized	 Read graphic organizers ( <b>KCS</b> )
		 Organize information by topic ( <b>7BE</b> )
		 Organization in the human body ( <b>CQJ</b> )
		 Identify levels and branches of government ( <b>7JC</b> )
Day 14	Problem solving	 Absolute value and integers: word problems ( <b>9CW</b> )
		 One-step inequalities: word problems ( <b>N2A</b> )
		 Coral reef biodiversity and human uses: explore a problem ( <b>N2U</b> )
		 Coral reef biodiversity and human uses: evaluate solutions ( <b>UVK</b> )
Day 15	What are the chances?	 Probability of one event ( <b>Q2X</b> )
		 Probability of simple events and opposite events ( <b>BZH</b> )
		<b>Activity:</b> 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 <b>(9AA)</b>
		 Make predictions using experimental probability <b>(WP6)</b>
		 Identify control and experimental groups <b>(WKB)</b>
		 Understand an experimental protocol about plant growth <b>(WQN)</b>
Day 17	Search party	 Find missing angles in triangles <b>(TFG)</b>
		 Round whole numbers and decimals: find the missing digit <b>(4B2)</b>
		 Fill in the missing correlative conjunction <b>(DT6)</b>
		 Pre-contact Native peoples: introduction <b>(9FJ)</b>
Day 18	Cause and effect	 Match causes and effects in informational texts <b>(F7K)</b>
		 Analyze the effects of figures of speech on meaning and tone <b>(M8D)</b>
		 Describe the effects of gene mutations on organisms <b>(PEV)</b>
		 Causes of the American Revolution: politics and society <b>(DHX)</b>
Day 19	Compare and contrast	 Compare rational numbers <b>(KS2)</b>
		 Compare and contrast in informational texts <b>(QZW)</b>
		 Compare information from two texts <b>(G7K)</b>
		 Identify and compare air masses <b>(ES8)</b>

Day 20	Clearance sale	 Which is the better coupon? <b>(WLZ)</b>
		 Sale prices <b>(5GH)</b>
		<b>Activity:</b> 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?