

# IXL Summer Adventures



## ISING 6TH 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

Fix it



Identify mistakes involving the order of operations (**ULJ**)



Correct errors with frequently confused words (**5XZ**)



Identify and correct plagiarism (**R8M**)



Evaluate tests of engineering-design solutions (**V6M**)

Day  
2

Follow the rules



Use a rule to complete a number pattern (**RPP**)



Laws and courts (**N2D**)



Correct inappropriate shifts in verb tense (**WDH**)



Predict forces using Newton's third law (**E2U**)

Day  
3

When in Rome



Roman numerals (**RKL**)



Use words as clues to the meanings of Greek and Latin roots (**75T**)



Read about famous places (**8LK**)



The beginnings of Rome (**LY8**)



Day  
4

Do you buy it?

Add and subtract money: multi-step word problems (**MCG**)Identify advantages and disadvantages of payment methods (**B98**)The Louisiana Purchase (**Y8B**)Costs and benefits (**RN5**)Day  
5

Poetry

Read poetry (**PCM**)Label the rhyme scheme (**PG7**)

**Activity:** Write a poem. You can send it to a friend or relative, or keep it just for yourself!

Day  
6

What's the big idea, anyway?

Use key details to determine the main idea (**DTM**)Determine the main idea of a passage (**23G**)Combine main ideas from two texts (**94B**)Early Chinese thought (**Z6S**)Day  
7

Land before time

Identify and classify fossils (**JE8**)The Neolithic Period (**H46**)Elapsed time (**N8A**)Time zones (**WTY**)Day  
8

Shall I compare thee to a summer's day?

Compare patterns (**XPM**)Use adjectives to compare (**94N**)Compare passages for tone (**ZBZ**)Compare concentrations of solutions (**Y8Q**)

Day  
9

## Compare and contrast



Compare and contrast in informational texts (M6Z)



Compare and contrast points of view (GV8)



Compare ancient river civilizations: geography and society (5VU)



Compare ancient river civilizations: achievements and legacy (KVK)

Day  
10

## Cartography



Maps with decimal distances (J7D)



Major U.S. cities (NR5)

**Activity:** Draw a map of your state. Make it detailed! Add as many towns, rivers, and landforms as you can.

Day  
11

## Coordinates



Objects on a coordinate plane (NTR)



Distance between two points (UUY)



Use coordinating conjunctions (RMV)



Use lines of latitude and longitude (NZR)

Day  
12

## A picture is worth a thousand words



What percentage is illustrated? (RHG)



Read realistic fiction with illustrations (YQT)



Similes and metaphors with pictures (9TK)



Interpret food webs I (Z6W)

Day  
13

## Uncharted territory



Create frequency charts (V7F)



Interpret frequency charts: multi-step problems (NJ7)



The Lewis and Clark Expedition (G7Z)



Explore the engineering-design process: going to the Moon! (ZFL)

Day  
14

## Divide and conquer



Divide 2-digit and 3-digit numbers by 2-digit numbers (HMA)



Divide by powers of ten (H2N)



Divide unit fractions and whole numbers: word problems (G2N)



Caesar and the end of the Roman Republic (ZUN)

Day  
15

## In conclusion



Choose the best concluding sentence (LGR)



Summarize a story (DGQ)

**Activity:** Read a newspaper or magazine article about a topic that interests you. Then write a summary of what you read.

Day  
16

## Fractions and freedom



Add and subtract fractions with unlike denominators: word problems (TCD)



Multiply fractions and mixed numbers in recipes (QHN)



Source analysis: the Declaration of Independence (7GZ)



Source analysis: the Gettysburg Address (YEX)

Day  
17

Where in the world?



Coordinate planes as maps (ZBD)



Follow directions on a coordinate plane (XQR)



Region profile: East Asia (C8B)



Region profile: West and Central Africa (ZUG)

Day  
18

Exponents and empires



Multiply and divide by a power of ten: with exponents (FXQ)



Find the missing exponent or base (UBW)



Mesopotamian empires (KQS)



The Ghana Empire (QY9)

Day  
19

Problem solving



Volume of cubes and rectangular prisms: word problems (NR6)



Multi-step word problems: multiplicative comparison (V59)



Scientific literacy: how can a community protect sea turtles? (MWJ)



Opportunity cost (DFG)

Day  
20

Let's talk about taxes



Sales and property taxes: word problems (W8Y)



Identify types of taxes (PLV)

**Activity:** What types of taxes are collected in the place where you live? How much are they? Find out by interviewing some adults or doing online research. If you were in charge, how would you adjust the taxes? Write a paragraph expressing your opinion.