

# Introduction

The *Summer Connect* series helps young learners transition from one grade to the next. Each title provides a review of the topics and skills from the previous academic year and progresses to new material that will be covered in the upcoming year. *Summer Connect: Getting Ready for Fourth Grade* is specifically geared to students who have completed third grade and are on their way to fourth grade.

## **The Activities**

The activities in this book review and explore topics in the following core subject areas:

- **Math** (operations, fractions, decimals, geometry, and data analysis)
- **Language Arts** (reading, writing, grammar, usage, and mechanics)
- **Science** (life science, physical science, and Earth and space science)
- **Social Studies** (history, geography, civics, and economics)

For a more comprehensive list of the skills covered in this book, see page 3.

## **The Benefits of *Summer Connect***

Summer offers young people a much-needed break from the rigors of school. This book aims to honor that need with activities that provide short, purposeful bursts of learning and assessment. The following features are included to achieve that goal:

- Pages are often divided into two or three short activities.
- A wide assortment of academic skills and standards are covered.
- Clear instructions remove the guesswork for students and parents.
- “Would You Rather?” prompts encourage imagination and connection.
- Eye-catching colors and graphics grab readers’ attention and interest.
- The compact size fits smaller hands and summer-sized attention spans.

A complete answer key is available online at  
<http://www.teachercreated.com/9205>

# Contents

## Math Skills

- operations (adding, subtracting, multiplying, dividing, factors, patterns)
- fractions (identifying, comparing, simplifying)
- decimals (adding, subtracting)
- rounding numbers (whole numbers, decimals)
- comparing numbers (recognizing equivalence, greater than and less than)
- solving word problems (time, money, fractions, decimals, whole numbers, estimates)
- graphing (reading tables and graphs, creating charts and graphs)
- geometry (symmetry, properties of lines and shapes, area, perimeter)

## Language Arts Skills

- reading (comprehension of various text types, locating and identifying information)
- writing (informational, persuasive, narrative)
- language (vocabulary, meaning, context, figurative language)
- grammar, usage, and mechanics (proofreading, punctuation, parts of speech, tense, roots and affixes)

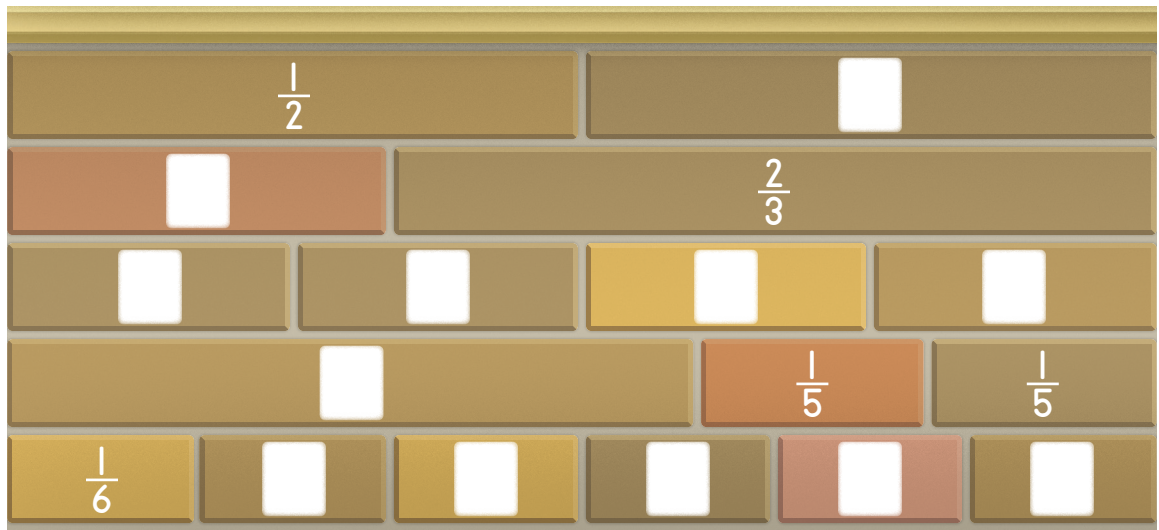
## Science Skills

- life science (animals, plants, environments, body systems, inventions)
- physical science (forces and motion, energy)
- Earth and space science (Sun, Moon, planets, weather and seasons)

## Social Studies Skills

- history (people, places, landmarks, and events; timelines)
- geography (landforms, bodies of water, features, directions)
- civics and economics (government)

Fill in the missing numbers for each brick on the fraction wall.



Which equivalent fractions can be found on the wall? Write them below.

$$\frac{1}{2} = \underline{\quad\quad\quad} \text{ or } \underline{\quad\quad\quad}$$

$$\frac{1}{3} = \underline{\quad\quad\quad}$$

Change the meanings of the sentences below by crossing out the underlined words and replacing them with their antonyms.

I laughed \_\_\_\_\_ throughout the entire movie.

I saw my neighbor walking ahead of me so I decided to walk  
slower \_\_\_\_\_.

Everyone cheered \_\_\_\_\_ when I caught \_\_\_\_\_ the ball.

I always throw away \_\_\_\_\_ cans so that I can harm \_\_\_\_\_  
the Earth.

The worst \_\_\_\_\_ way to wear socks is outside \_\_\_\_\_ of your shoes.

Each square, column, or row in this Sudoku puzzle must have each of the following numbers in it:

$\frac{1}{2}$ ,  $\frac{2}{4}$ ,  $\frac{3}{6}$ ,  $\frac{4}{8}$ ,  $\frac{5}{10}$ ,  $\frac{6}{12}$ ,  $\frac{7}{14}$ , 0.5, and 50%

None of the numbers can repeat within the same square, column, or row.  
Can you solve the puzzle?

$\frac{1}{2}$				0.5	$\frac{5}{10}$		50%	$\frac{4}{8}$
		$\frac{4}{8}$			$\frac{3}{6}$		$\frac{2}{4}$	0.5
	$\frac{7}{14}$	$\frac{2}{4}$			$\frac{1}{2}$		$\frac{6}{12}$	
		0.5						50%
$\frac{3}{6}$			0.5		$\frac{6}{12}$		$\frac{4}{8}$	$\frac{2}{4}$
$\frac{6}{12}$	$\frac{4}{8}$		$\frac{7}{14}$		$\frac{2}{4}$	0.5		
$\frac{4}{8}$	0.5		$\frac{5}{10}$	$\frac{6}{12}$		$\frac{2}{4}$	$\frac{1}{2}$	
$\frac{7}{14}$			$\frac{4}{8}$			50%		
	$\frac{6}{12}$	$\frac{3}{6}$		$\frac{2}{4}$		$\frac{4}{8}$		$\frac{7}{14}$

What is interesting about the numbers used in this puzzle?

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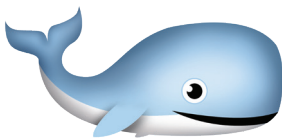
### Riddle

What can you place between 1 and 2 to make a number that is bigger than 1 but smaller than 2?

Circle the correct unit you would use to measure the following items.



grams or kilograms



pounds or tons



ounces or pounds



grams or kilograms



cups or gallons



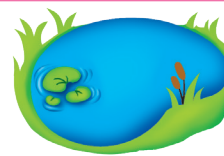
inches or miles



grams or kilograms



inches or feet



cups or gallons

Rewrite the run-on sentences below.

Zebras look like horses, but they are not farm animals they are wild animals that live in Africa.

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Zebras can sleep standing up they can run very fast zebras also bite and kick.

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