



Summer Blast

Getting Ready for
Second Grade

Reading

Math

Writing



Art

Puzzles

and more!



Welcome to Summer Blast!

Dear Family,

Welcome to *Summer Blast: Getting Ready for Second Grade*. Second grade will be an exciting and challenging year for your child. There will be plenty of new learning opportunities, including more complex books to read and more work with larger numbers! Interesting new topics in science and social studies will help keep your child engaged in the lessons at school.

Summer Blast was designed to help solidify the concepts your child learned in first grade and to help your child prepare for the year ahead. The activities are based on today's standards and provide practice with essential skills for the upcoming grade level. Keeping reading, writing, and mathematics skills sharp while your child is on break from school will help his or her second-grade year get off to a great start. This book will help you BLAST through summer learning loss!

Keep these tips in mind as you work with your child this summer:

- ◆ Set aside a specific time each day to work on the activities.
- ◆ Complete one or two pages each time your child works, rather than an entire week's worth of activity pages at one time.
- ◆ Keep all practice sessions with your child positive and constructive. If the mood becomes tense or you and your child get frustrated, set the book aside and find another time to practice.
- ◆ Help your child with instructions, if necessary. If your child is having difficulty understanding what to do, work through some of the problems together.
- ◆ Encourage your child to do his or her best work and compliment the effort that goes into learning.

Enjoy the time learning with your child during his or her vacation from school. Second grade will be here before you know it!

What Does Your Rising Second Grader Need to Know?

- 1 Use common vowel teams (*ea*, *ee*, and *ie*) for reading.
- 2 Read literary texts such as folktales, fairy tales, and classic myths.
- 3 Write various texts such as letters and book reports.
- 4 Add and subtract numbers up to 20.
- 5 Understand what place value is.
- 6 Know time and money and how they relate to the real world.
- 7 Understand the life cycles of plants and animals.
- 8 Know that materials come in different forms such as solids, liquids, and gases.
- 9 Understand time lines and important heroes.
- 10 Know why important buildings, statues, and monuments are associated with state and national history.



Things to Do as a Family

General Skills

- ◆ Make sure your child gets plenty of exercise. Children need about 60 minutes of physical activity each day. The summer months are the perfect time to go swimming, ride bicycles, or play outdoor team sports.
- ◆ Help your child become organized and responsible. Have places for your child to keep important things. Take time to set up a schedule together. Use a timer to keep track of time spent on different activities.

Reading Skills

- ◆ Set a reading time for the entire family at least once every other day. Help your child choose a book at a comfortable reading level. Take turns reading aloud one page at a time. Be sure to help him or her sound out and define unfamiliar words.
- ◆ After reading, be sure to talk to your child about what they've read. Encourage your child to share details from the books they read.

Writing Skills

- ◆ Set up a writing spot for your child. Have all of his or her writing materials in one special place. Having a designated area to write will help your child see writing as an important activity.
- ◆ Encourage your child to write emails, texts, or letters to friends and family members who live near and far.

Mathematics Skills

- ◆ Encourage your child to practice telling time. Give your child an allotted amount of time to do an activity they enjoy. Ask your child to use a clock to help figure out his or her playtime. For example: *What will the clock look like when your 15 minutes of video games are up?*
- ◆ Include your child in grocery shopping. Use the prices in the store to ask your child questions. For example: *Apples are 50 cents each. If you have two dollars, how many apples can you buy?*

Table of Contents

Introduction

Welcome Letter	4
Helpful Family Resources	5

Weekly Activities

Week 1 Activities	13
Week 2 Activities	23
Week 3 Activities	33
Week 4 Activities	43
Week 5 Activities	53
Week 6 Activities	63
Week 7 Activities	73
Week 8 Activities	83
Week 9 Activities	93

Appendices

Appendix A: Activity Cards	103
Appendix B: Answer Key	113
Appendix C: Parent Handbook	121



Week 1

This week, blast through summer learning loss by:

- ◆ using past tense verbs
- ◆ answering questions about bodies of water
- ◆ writing a narrative
- ◆ creating a postcard about space
- ◆ solving a hundreds chart puzzle
- ◆ making fractions with pizza slices
- ◆ using pictures to solve a problem
- ◆ decoding symbols to identify biomes
- ◆ solving addition and subtraction equations



Words in Action

Directions: Rewrite each sentence to show past tense.
Hint: The underlined words need to be changed.

- 1 Jack will go to the farm.

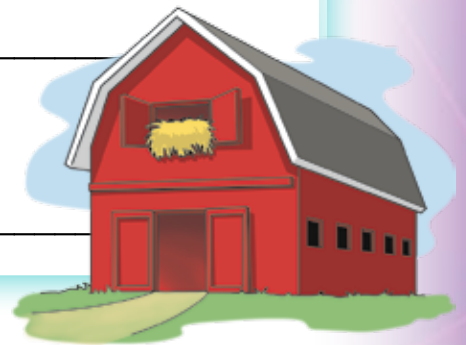
Jack went to the farm.

- 2 Jack packs a bag.

- 3 Jack will ride a pony.

- 4 He sees a cow.

- 5 He has a lot of fun.



Directions: Write your own sentence with a past tense verb. Circle the verb.

So Much Water

Directions: Read the text. Then, answer the questions.

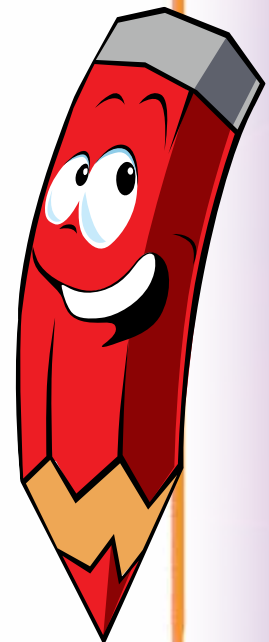
There are many different bodies of water. A bay is surrounded on three sides by land. A lake is made of fresh water. It is surrounded by land. A river starts at a mountain or glacier. It moves from high to lower ground. The lowest part of the river may spread out into a delta. It may also pour into an ocean. An ocean is a large body of saltwater that moves between sides of land called coasts. A stream is smaller than a river.

- Which of the following best describes an ocean?
 - moving water that starts on high ground
 - a large body of saltwater
 - a flat area of land at the mouth of a river
 - a large body of water with land on three sides
- What is the main topic of the paragraph?
 - There is a lot of water to drink.
 - There are many different bodies of water.
 - Land helps water.
 - A river starts at a mountain.

Hmmm, That Tasted Different . . .

Directions: Write about a time when something tasted different than you expected. Include details about the food item, such as describing what it looked like and how it tasted.

Draw a picture that goes with your writing.



Postcard from the Moon

Directions: Imagine you blasted off in a rocket and landed on the moon. Design a postcard that you could send back to Earth showing what you see there.



In a Muddle!

Directions: These pieces have been taken out of a hundreds chart. Write the missing numbers.

1

	2		
	12	13	
		23	

2

		30
	39	
48		50
		60

3

33		35		
	44		46	47
			56	

4

58		
68	69	
		80
	89	
		100

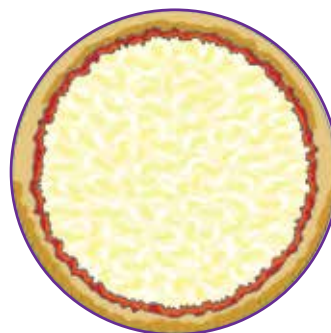


Let's Share

Directions: Answer each question.

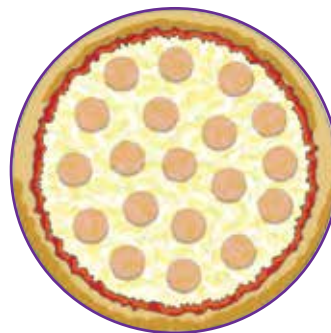
Amy shares a pizza with her friend.

- 1 Divide the pizza in half.
- 2 How many equal parts are there?



Amy shares another pizza that is the same size. She shares it with her sister, mom, and dad.

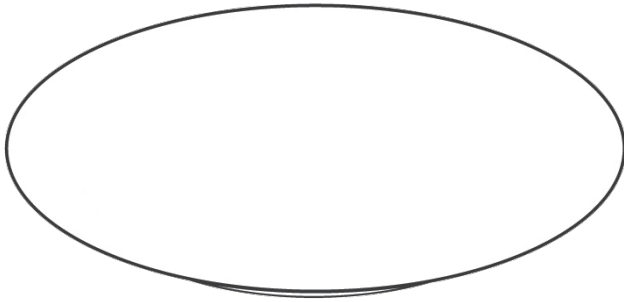
- 3 Divide the pizza into fourths.
- 4 How many equal parts are there?



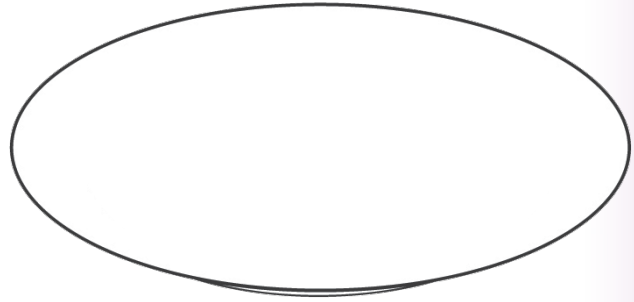
- 5 Shade in the bubble for which pizza slices are bigger.
 (A) halves
 (B) fourths

Picnic Time!

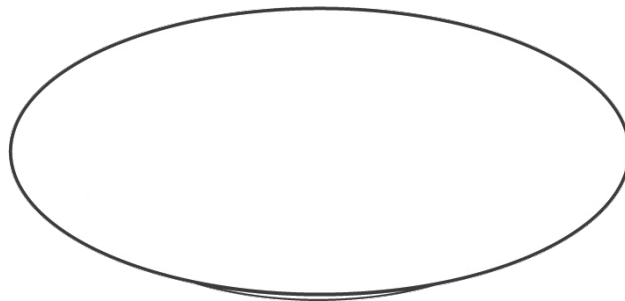
Directions: Draw pictures on the plates to solve the problem below.



Jamie's plate



Dad's plate



Jackson's plate

Jamie and Jackson went on a picnic with Dad. Dad put 2 hot dogs on Jamie's plate and 2 hot dogs on Jackson's plate. He put 1 hot dog on his own plate. Draw the hot dogs. How many hot dogs are on the 3 plates?

_____ hot dogs

Biomes

Directions: Use the Code Bank to uncover the names of different biomes.

Code Bank

a	b	c	d	e	f	g	h	i	j	k	l	m
*	?	@	#	\$	%	^	&	+	=	~	!	>
n	o	p	q	r	s	t	u	v	w	x	y	z
¢	©	÷	¬	Δ	π	∞	Ω		Σ		±	∧

1

\$ π \$ Δ ∞

2

% © Δ \$ π ∞

3

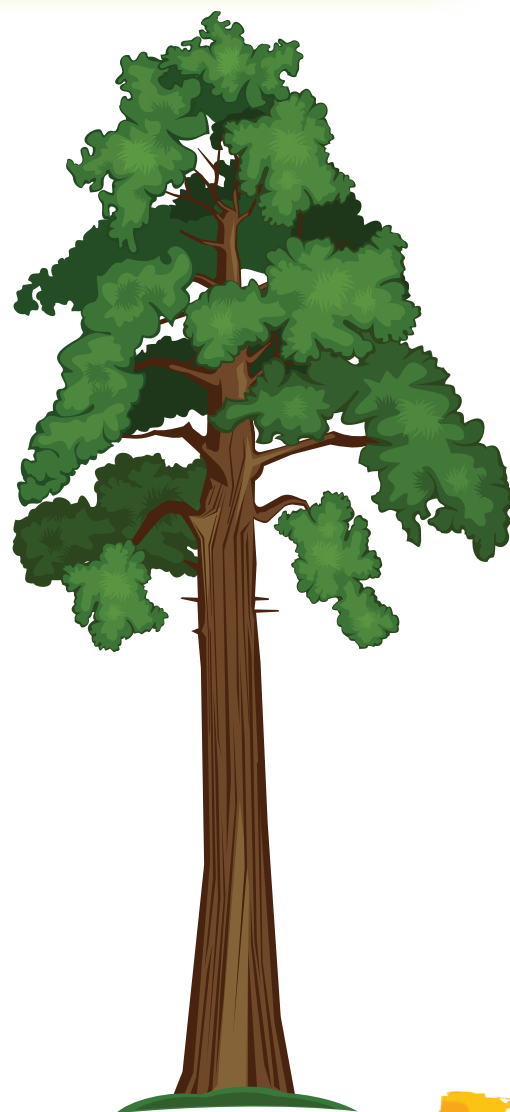
© @ \$ * ¢

4

÷ © ¢ #

5

∞ Ω ¢ # Δ *



Math Boggle

28	59	16
72	43	87
35	60	91

Directions: Choose two numbers from the chart above. Write and solve two addition equations.

1	2
---	---

Directions: Choose two numbers from the chart above. Write and solve two subtraction equations. Remember the greater number must be first.

3	4
---	---

Challenge: Write an equation in which you add first and then subtract. **Hint:** You will need to choose three numbers.