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GRADE

5



SHELL  
EDUCATION

# Conquering Fifth Grade

Reading

Mathematics

Science

Social Studies

Writing



# Table of Contents

## Introduction

Family Letter .....	4
Suggested Family Activities .....	5

## Unit 1

Language Arts .....	7–12
Mathematics .....	13–16
Social Studies .....	17
Science .....	18
Critical Thinking .....	19
Game .....	20
Extension Activities .....	21

## Unit 2

Language Arts .....	22–27
Mathematics .....	28–31
Social Studies .....	32
Science .....	33
Critical Thinking .....	34
Game .....	35
Extension Activities .....	36

## Unit 3

Language Arts .....	37–42
Mathematics .....	43–46
Social Studies .....	47
Science .....	48
Critical Thinking .....	49
Game .....	50
Extension Activities .....	51

## Unit 4

Language Arts .....	52–57
Mathematics .....	58–61
Social Studies .....	62
Science .....	63
Critical Thinking .....	64
Game .....	65
Extension Activities .....	66

## Unit 5

Language Arts .....	67–72
Mathematics .....	73–76
Social Studies .....	77
Science .....	78
Critical Thinking .....	79
Game .....	80
Extension Activities .....	81

## Unit 6

Language Arts .....	82–87
Mathematics .....	88–91
Social Studies .....	92
Science .....	93
Critical Thinking .....	94
Game .....	95
Extension Activities .....	96

## Unit 7

Language Arts .....	97–102
Mathematics .....	103–106
Social Studies .....	107
Science .....	108
Critical Thinking .....	109
Game .....	110
Extension Activities .....	111

## Unit 8

Language Arts .....	112–117
Mathematics .....	118–121
Social Studies .....	122
Science .....	123
Critical Thinking .....	124
Game .....	125
Extension Activities .....	126

## Unit 9

Language Arts .....	127–132
Mathematics .....	133–136
Social Studies .....	137
Science .....	138
Critical Thinking .....	139
Game .....	140
Extension Activities .....	141

## Unit 10

Language Arts .....	142–147
Mathematics .....	148–151
Social Studies .....	152
Science .....	153
Critical Thinking .....	154
Game .....	155
Extension Activities .....	156

## Appendix

Answer Key .....	157
Skills and Standards in This Book ...	165
Certificate of Achievement .....	168

## **Dear Family,**

Welcome to *Conquering Fifth Grade*. Fifth grade will be an exciting and challenging year for your child. This book is designed to supplement the concepts your child is learning in fifth grade and to strengthen the connection between home and school. The activities in this book are based on today's standards and provide practice in reading, word study, language, writing, mathematics, social studies, and science. It also features fun, yet challenging, critical-thinking activities and games. In addition to the activity sheets in this book, the end of each section also provides engaging extension activities.

Your child should complete one unit per month, including the extension activities. This will allow your child to think about grade-level concepts over a longer period of time. This also ensures that the book can be completed in one school year.

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

- Set aside specific times each week to work on the activities.
- Have your child complete one or two activities each time, rather than an entire unit 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 fifth grade. Summer will be here before you know it!

Sincerely,

**The Shell Education Staff**

**Directions:** Read the text, and answer the questions.

## I Want a Puppy

Nick wanted a puppy, so he decided to become a volunteer at the animal shelter. He was hoping to convince his parents that he was ready to take care of a puppy. He volunteered at the shelter twice each week—on Tuesdays after school and on Saturdays.

Nick did several things to volunteer. He walked the dogs, he washed them, and he brushed them. Grooming the long-haired dogs took a long time! He cleaned the dogs' kennels, too. He also played with the puppies to get them used to people. Occasionally, Nick spent time with the kittens and cats, but he preferred working with the dogs. There was always plenty to do at the shelter, so Nick was never bored.

- 1 What does the first sentence tell about this text?
  - A This text is about volunteering at an animal shelter.
  - B This text is about taking shelter during a storm.
  - C This text is about adopting an animal.
  - D This text is about different animals.
- 2 To which word can the suffix *-ing* be added?
  - A also
  - B dogs
  - C care
  - D plenty
- 3 What is a *kennel*?
  - A a place for animals
  - B a kind of food
  - C a piece of clothing
  - D a helper
- 4 What does *occasionally* mean?
  - A often
  - B never
  - C once in a while
  - D daily





**Directions:** Read the text, and answer the questions.

## Government Branches

The U.S. government has three branches. One branch is the executive branch. That branch is in charge of running the government. The president of the United States is the head of the executive branch. Another branch is the legislative branch. That branch is in charge of making laws. It also controls taxes, prints money, and does other important jobs. Congress heads the legislative branch. The third branch of government is the judicial branch. That branch is in charge of making sure that laws are fair. It interprets the most important set of laws, the Constitution. The judicial branch is also in charge of making sure that anyone accused of a crime gets a fair trial. The Supreme Court is the head of the judicial branch.

- Which word best summarizes what the text is about?
  - president
  - accused
  - government
  - trial
- Which branch of government is in charge of making sure laws are fair?
  - the president of the United States
  - the executive branch
  - the legislative branch
  - the judicial branch
- Why is *Constitution* capitalized?
  - It is the last word in a sentence.
  - It is the first word in a sentence.
  - Constitution* is a proper noun.
  - The president is the head of the executive branch.
- What is the meaning of the word *head* in this text?
  - the leader
  - the mind
  - the start of something
  - a part of the body

**Directions:** The words in the Word Bank all end in the suffix *-ant*. Look up any words you don't know. Then, use each word in a sentence.

**Word Bank**

- defendant
- assistant
- compliant
- vibrant
- immigrant
- brilliant
- irritant
- observant
- ignorant
- extravagant

1

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2

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3

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4

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5

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6

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7

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8

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9

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10

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**Directions:** Write the missing punctuation in each sentence.

1 If Ben Franklin had gotten his way the turkey would be the national bird

2 When you get on a plane you might not worry about other flying things

3 For thousands of years people have been lifting weights

4 Charles Lindbergh a pilot was famous for his flying

5 I can't believe that you my best friend said that

6 On April 22 1970 the first Earth Day was held

7 Many writers such as Scott O'Dell may take nearly a year to write a book

8 Leo Lionni was born in Amsterdam Holland

9 When the United States had its 100th birthday it got a big present

10 Did you know that J K Rowling helps children in need

**Directions:** Place check marks in the circles with sentences that could be included in an informative/explanatory paragraph about the blue-ringed octopus.

I don't like them.

They are found in Japan and Australia.

The small octopus shouted, "I will get you!"

Their skin is gray, yellow, or tan with light blue rings.

They use a powerful poison to paralyze their prey.

When they are threatened, the rings on their skin turn bright blue.

They are about the size of golf balls.

You need to help save these tiny creatures.







Directions: Solve each problem.

$$\begin{array}{r} \textcircled{1} \quad 30 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{6} \quad 448 \\ \times \quad 16 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 57 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad 87 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{3} \quad 126 \\ \times \quad 71 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{8} \quad 352 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{4} \quad 77 \\ \times \quad 28 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{9} \quad 256 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{5} \quad 209 \\ \times \quad 30 \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{10} \quad 322 \\ \times \quad 13 \\ \hline \end{array}$$



Directions: Solve each problem.

1

$$\begin{array}{r} \square \\ 2 \overline{)564} \end{array}$$

5

$$\begin{array}{r} \square \\ 12 \overline{)498} \end{array}$$

2

$$\begin{array}{r} \square \\ 9 \overline{)144} \end{array}$$

6

$$\begin{array}{r} \square \\ 14 \overline{)112} \end{array}$$

3

$$\begin{array}{r} \square \\ 18 \overline{)486} \end{array}$$

7

$$\begin{array}{r} \square \\ 5 \overline{)277} \end{array}$$

4

$$\begin{array}{r} \square \\ 6 \overline{)514} \end{array}$$

8

$$\begin{array}{r} \square \\ 22 \overline{)704} \end{array}$$

**Directions:** Read the problem, and answer the questions.

A bookstore orders 175 dozen pencils.  
How many pencils are there in all?



- 1 What information is given?

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- 2 What strategy can you use to solve the problem?

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---

- 3 Can you think of a different way to show the problem? Explain your thinking.

---

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- 4 Solve the problem.

---

**Directions:** Read and solve each problem.

**Problem 1:** A bookstore orders 162 dozen pencils. How many pencils are there in all?

<b>List What You Know</b>	<b>State Your Plan</b>
<b>Solve the Problem</b>	<b>Look Back and Explain</b>

**Problem 2:** The bookstore also orders 36 packages of erasers. The erasers come in packs of 25. How many erasers are there in all?

<b>List What You Know</b>	<b>State Your Plan</b>
<b>Solve the Problem</b>	<b>Look Back and Explain</b>



**Directions:** An entrepreneur is a person who designs, launches, and runs a business. This kind of person takes a lot of risk because the business may or may not be successful. Imagine that you are an entrepreneur, and answer the questions.

- 1 Think about a way you could become an entrepreneur. What kind of product or service could you sell?

---

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- 2 What problem might be solved by your product or service?

---

---

- 3 Draw a picture showing your invention or how people would use your service.

A large, empty rectangular box with rounded corners and a dashed red border, intended for drawing.

- 4 Who would most likely be interested in this product or service (the general population, children, moms, business people, chefs, etc.)?

---

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- 5 How much would you charge for the product or service?

---



**Directions:** Follow the steps in this experiment to find out what is magnetic.

### What You Need

- two bar magnets
- small objects

### What to Do

- 1 Hold small objects near one of the magnets to see if the objects are attracted to it. List your results in the chart.

Attracted to the Magnet	Not Attracted to the Magnet

- 2 How can you move one magnet without touching it? Try your idea, and describe how well it works.

---

---

- 3 Hold one magnet up to another. What happens?

---

- 4 Reverse the magnet. What happens now?

---

**Directions:** Every mini-grid must have each of the numbers 1–6. Every column must have each of the numbers 1–6. Every row must have each of the numbers 1–6.

5				4	
4			6		5
	6			1	
		1	2		
1			5		4
	5	4		2	





**Directions:** Play with a partner. Roll two number cubes. Use the chart to match your roll to an object and a price. Then, roll a second time. Add the cost of your two items. Have your partner roll twice and add the cost of his or her items. The player with the least expensive purchase wins! Continue until both players have had 10 turns.

Roll	Item	Price
2		\$5.47
3		\$0.54
4		\$2.98
5		\$8.66
6		\$15.32

Roll	Item	Price
7		\$10.86
8		\$0.34
9		\$16.57
10		\$2.43
11		\$0.65
12		\$18.79



## Spelling Activity



Look up the meaning of the suffix *-ant*. Explain how the suffix affects the meaning of each spelling word from page 9.

## Writing Activity



Review your paragraph on page 12. Check your writing for proper punctuation.

## Mathematics Activity



Choose one of the problems from pages 13–14, and write a word problem for it. How do you know that your word problem can be solved the same way?

## Social Studies Activity



Share your product or service idea with a family member. Discuss what it would actually take to get the project off the ground as a real business.

## Science Activity



What did the things attracted to the magnet have in common? Form a hypothesis about what is attracted to magnets.

## Listening-and-Speaking Activity



Tell your family or friends about what entrepreneurs do, and explain how being an entrepreneur can be risky.