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# Table of Contents *(cont.)*

# An Important Message

The following is an important message from the National Summer Learning Association.

Dear Parents,

Did you know that all young people experience learning losses when they don't engage in educational activities during the summer? That means some of what they've spent time learning over the preceding school year evaporates during the summer months. However, summer learning loss is something that you can help prevent. Summer is the perfect time for fun and engaging activities that can help children maintain and grow their academic skills. Here are just a few:

- Read with your child every day. Visit your local library together, and select books on subjects that interest your child.
- Ask your child's teacher for recommendations of books for summer reading. The Summer Reading List (pages 92–94 of this guide) is a good start.
- Explore parks, nature preserves, museums, and cultural centers.
- Consider every day as a day full of teachable moments. Measuring in recipes and reviewing maps before a car trip are ways to learn or reinforce a skill. Use the Learning Experiences in the back of this book for more ideas.
- Each day, set goals to accomplish. For example, do five math problems or read a chapter in a book.
- Encourage your child to complete the activities in books, such as *Summertime Learning*, to help bridge the summer learning gap.

Our vision is for every child to be safe, healthy, and engaged in learning during the summer. Learn more at *www.summerlearning.org*.

Have a *memorable* summer!

Matthew C. Boulay

Matthew Boulay
NSLA Founder

# Using This Book

As a parent, you know that summertime is a time for fun. But it can also be a time for learning and for maintaining and building upon the educational advances your child made in the previous school year. By pairing fun and learning, the books in the *Summertime Learning* series can help you keep your child on track educationally *and* allow them to have the summer break their brains and bodies need.

And to help you help your child, this resource is organized, adaptable, practical, and rewarding.

## Organized

*Summertime Learning: Prepare Your Child for Seventh Grade* is organized around an eight-week summer vacation period. For each weekday, there are two activities. On Mondays through Thursdays, these activities include lessons in areas such as math, reading, writing, science, and social studies. Fridays offer a change of pace. Each week, the first of the Friday activities presents practice for test-taking skills. The second activity is labeled "Friday Fun," and it focuses on creativity, critical thinking, direction following, and problem solving.

## Adaptable

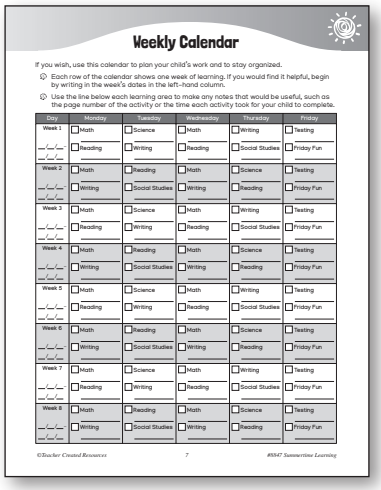
There are many ways to use this book effectively:

- **Day by Day** – Your child can do the activities in order, beginning on the first Monday of summer vacation. For each weekday, your child will complete the two designated activities. (See the calendar on page 7.)
- **Pick and Choose** – If you do not wish to have your child work strictly in the order the activities are presented in this book, you may pick and choose any combination of pages based on your child's needs and interests.
- **All of a Kind** – If you feel that your child needs more help in one area than another, you may opt to focus on the math, reading, writing, science, or social studies activities.

In addition, the pages of this resource are perforated, which gives you the option of tearing them out if needed. If this method is chosen, a special folder or binder can be decorated and used to store the loose pages.

## Extra Extra

- For a handy calendar that can set expectations and keep you and your child on schedule, see page 7 of this book.


Weekly Calendar

If you wish, use this calendar to plan your child's work and to stay organized.

- Each row of the calendar shows one week of learning. If you would find it helpful, begin by writing in the week's dates in the left-hand column.
- Use the line below each learning area to make any notes that would be useful, such as the page number of the activity or the time each activity took for your child to complete.

| Day | Monday | Tuesday | Wednesday | Thursday | Friday |
|---|---|---|---|---|---|
| Week 1 | ☐ Math<br>☐ Reading | ☐ Science<br>☐ Writing | ☐ Math<br>☐ Reading | ☐ Writing<br>☐ Social Studies | ☐ Testing<br>☐ Friday Fun |
| Week 2 | ☐ Math<br>☐ Writing | ☐ Reading<br>☐ Social Studies | ☐ Math<br>☐ Writing | ☐ Science<br>☐ Reading | ☐ Testing<br>☐ Friday Fun |
| Week 3 | ☐ Math<br>☐ Reading | ☐ Science<br>☐ Writing | ☐ Math<br>☐ Reading | ☐ Writing<br>☐ Social Studies | ☐ Testing<br>☐ Friday Fun |
| Week 4 | ☐ Math<br>☐ Writing | ☐ Reading<br>☐ Social Studies | ☐ Math<br>☐ Writing | ☐ Science<br>☐ Reading | ☐ Testing<br>☐ Friday Fun |
| Week 5 | ☐ Math<br>☐ Reading | ☐ Science<br>☐ Writing | ☐ Math<br>☐ Reading | ☐ Writing<br>☐ Social Studies | ☐ Testing<br>☐ Friday Fun |
| Week 6 | ☐ Math<br>☐ Writing | ☐ Reading<br>☐ Social Studies | ☐ Math<br>☐ Writing | ☐ Science<br>☐ Reading | ☐ Testing<br>☐ Friday Fun |
| Week 7 | ☐ Math<br>☐ Reading | ☐ Science<br>☐ Writing | ☐ Math<br>☐ Reading | ☐ Writing<br>☐ Social Studies | ☐ Testing<br>☐ Friday Fun |
| Week 8 | ☐ Math<br>☐ Writing | ☐ Reading<br>☐ Social Studies | ☐ Math<br>☐ Writing | ☐ Science<br>☐ Reading | ☐ Testing<br>☐ Friday Fun |

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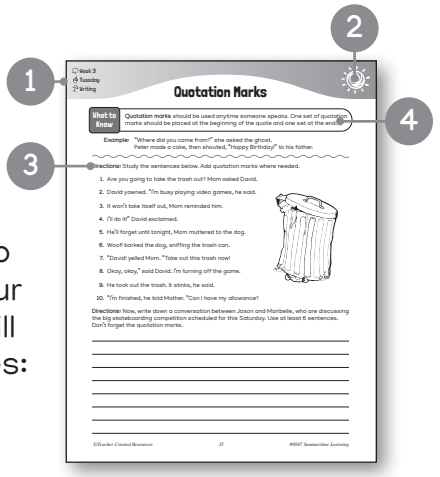
- For Journal Topics to incorporate more writing into the weekly schedule, see page 8.
- For ways to enhance summertime reading, see pages 92–97.
- For useful reference pages in the areas of test-taking, spelling, proofreading, measurement, and more, see pages 98–103.

# Using This Book *(cont.)*

## Practical

Parents want activity pages that take the guesswork out of how they should be used, what they are asking their child to do, and what the correct answers to the questions are. The pages in *Summertime Learning: Prepare Your Child for Seventh Grade* aim to do just that.

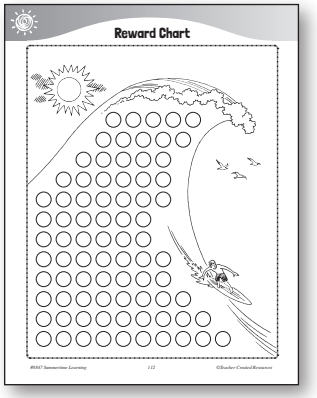
Several pieces of information are given in a straightforward, easy-to-read manner at the top of each activity page.




1. On one side of the activity page, the week, day, and learning area of the activity are listed. This gives parents a place to quickly check what their child is working on and to stay organized throughout the summer.
2. The opposite side features a sun icon. This is a perfect spot to place a checkmark or star to track and reward progress as your child completes the activities in the book. Using this feature will also make it easy to direct your child to the next day's activities: they can simply look for the last marked sun and work on the two pages that immediately follow.
3. The directions for each activity are written clearly and in a way that is easy to understand. Children often know how to perform an educational skill but still get questions wrong because the instructions are unclear or because they have not fully read them. You may wish to encourage your child to write a number above each line of the instructions that is asking them to do a new task.
4. Some pages include a "What To Know" box that offers a reminder of a grammar or usage rule your child will need to know in order to complete the page.

In addition, a complete answer key is included at the back of the book (pages 104–111). This can be consulted whenever any answers are in doubt.

## Rewarding




You may use the Reward Chart on page 112 of this book to keep track of the activities your child has completed. Once your child has finished a page, they can fill in a circle on the chart. In this way, the entire chart will be filled in when all 80 of the activities in this book are completed.

# Liquid Measurement

**Directions:** Use the boxed information to help you convert the listed measurements and answer the questions.

## Liquid Measurement

8 fluid ounces = 1 cup

2 cups = 1 pint

2 pints = 1 quart

4 quarts = 1 gallon

### Part 1

1. 2 cups = _____ fluid ounces
2. 8 quarts = _____ gallons
3. 1 gallon = _____ fluid ounces
4. 1 quart = _____ cups
5. 3 quarts = _____ pints
6. 24 fluid ounces = _____ cups
7. 2 gallons = _____ pints
8. 4 cups = _____ pints

### Part 2

9. How many cups are in 3 quarts? _____
10. How many fluid ounces are in 4 pints? _____
11. How many quarts are in 5 gallons? _____
12. How many cups are in 9 pints? _____
13. How many pints are in 3 gallons? _____
14. How many gallons are in 64 cups? _____

### Part 3

15. Why is it important to know how to convert measurements? List two reasons.

**Reason #1:** _____

_____

**Reason #2:** _____

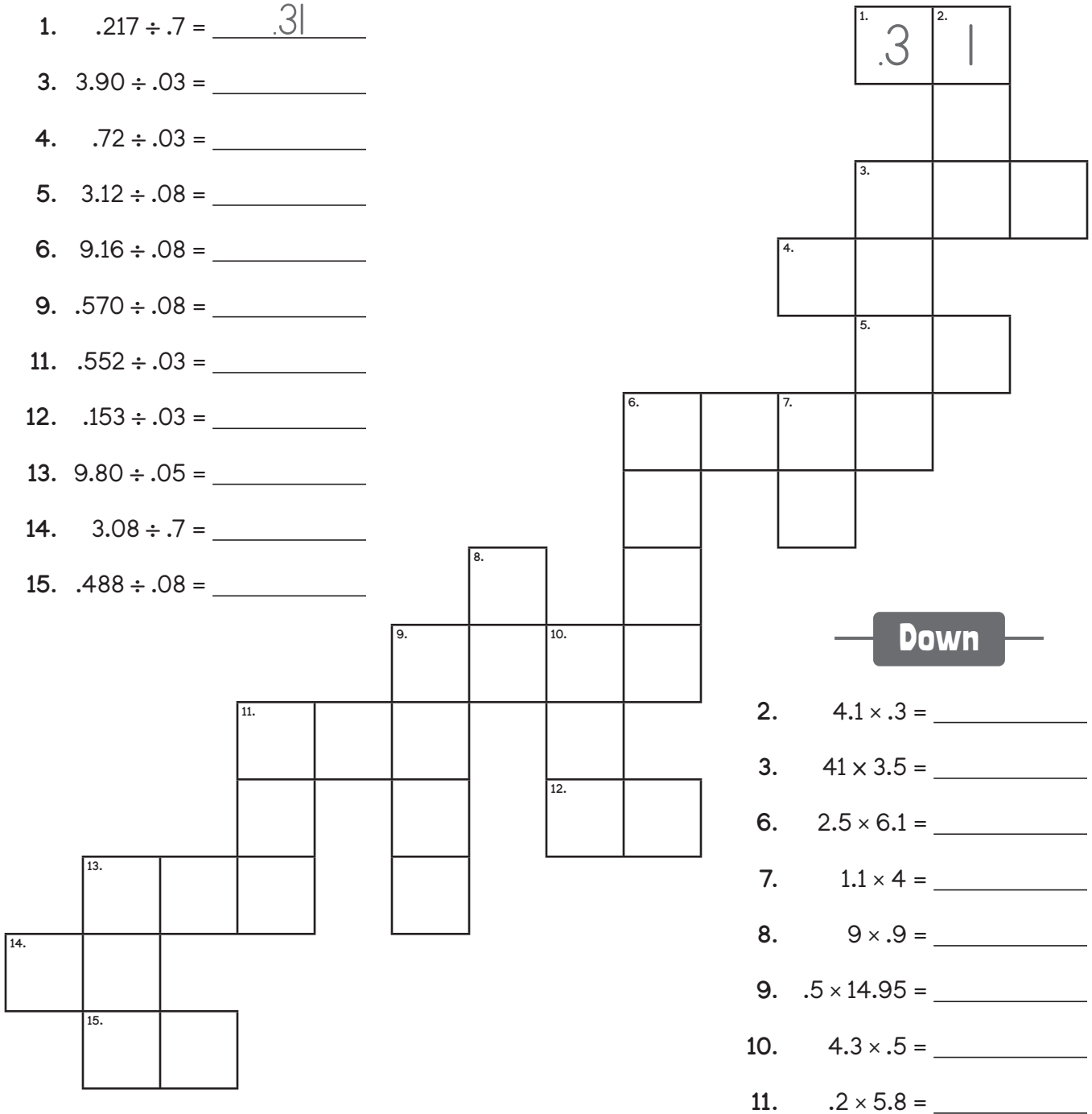
_____

# Decimals Crossword

**Directions:** Solve the problems below, then write the answers in the number puzzle. Be sure to include the decimal points in the puzzle. See #1 Across. It has been done for you.

## Across

1. .217 ÷ .7 = .31
3. 3.90 ÷ .03 = _____
4. .72 ÷ .03 = _____
5. 3.12 ÷ .08 = _____
6. 9.16 ÷ .08 = _____
9. .570 ÷ .08 = _____
11. .552 ÷ .03 = _____
12. .153 ÷ .03 = _____
13. 9.80 ÷ .05 = _____
14. 3.08 ÷ .7 = _____
15. .488 ÷ .08 = _____




## Down

2. 4.1 × .3 = _____
3. 41 × 3.5 = _____
6. 2.5 × 6.1 = _____
7. 1.1 × 4 = _____
8. 9 × .9 = _____
9. .5 × 14.95 = _____
10. 4.3 × .5 = _____
11. .2 × 5.8 = _____
13. .04 × 36.5 = _____

# Types of Energy

**Directions:** Define renewable and nonrenewable energy sources, then label the pictures as renewable or nonrenewable. Write your response to the question at the bottom of the page.

**Renewable energy sources**

_____

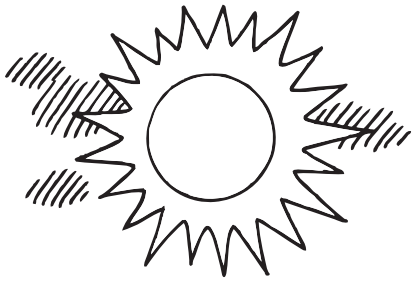
_____

**Nonrenewable energy sources**

_____

_____

1.



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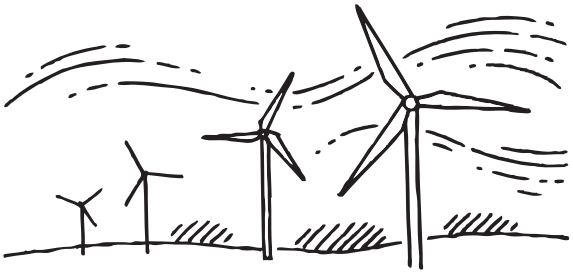
2.



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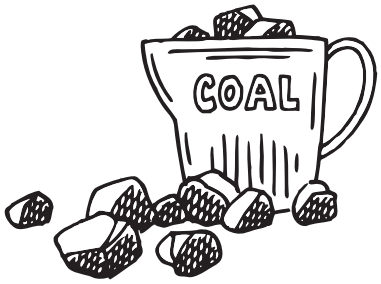
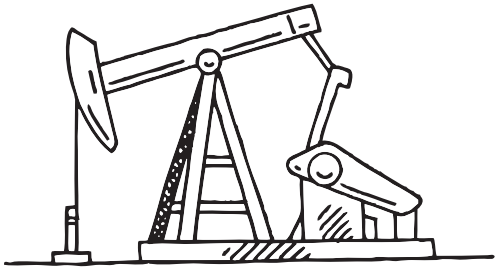
3.




_____

4.



_____

Which type of energy source is better for the environment? Give three reasons to support your opinion.

_____

_____

_____