



Table of Contents

An Important Message from the National Summer Learning Association	4
Using This Book	5
Weekly Calendar	7
Journal Topics	8
Standards and Skills	9
Week 1 Activities	
Monday <i>Math</i> : Products & Quotients – <i>Reading</i> : Nine Brains, No Bones	12
Tuesday <i>Science</i> : Earth’s Layers – <i>Writing</i> : Run-On Sentences	14
Wednesday <i>Math</i> : Time and Distance – <i>Reading</i> : Fact or Opinion?	16
Thursday <i>Writing</i> : Sensory Words – <i>Social Studies</i> : Where in the World?	18
Friday <i>Testing</i> : Complete Sentences – <i>Friday Fun</i> : Magic Math	20
Week 2 Activities	
Monday <i>Math</i> : Liquid Measurement – <i>Writing</i> : Phrases & Clauses	22
Tuesday <i>Reading</i> : Story Sequence – <i>Social Studies</i> : Mummies	24
Wednesday <i>Math</i> : Fraction Frenzy – <i>Writing</i> : Can You Elaborate?	26
Thursday <i>Science</i> : More Than Planets – <i>Reading</i> : Big Foot Vocabulary	28
Friday <i>Testing</i> : Multiply & Divide Fractions – <i>Friday Fun</i> : Rhyming Riddles	30
Week 3 Activities	
Monday <i>Math</i> : Decimals Crossword – <i>Reading</i> : Nelson Mandela	32
Tuesday <i>Science</i> : Inherited Traits – <i>Writing</i> : Quotation Marks	34
Wednesday <i>Math</i> : Interest in Banking – <i>Reading</i> : Vocabulary Practice	36
Thursday <i>Writing</i> : Metaphors & Similes – <i>Social Studies</i> : Amendments	38
Friday <i>Testing</i> : Reading Comprehension – <i>Friday Fun</i> : Sudoku Puzzle	40
Week 4 Activities	
Monday <i>Math</i> : Mean, Median, Mode – <i>Writing</i> : Homonyms	42
Tuesday <i>Reading</i> : Inference – <i>Social Studies</i> : Greek Mythology	44
Wednesday <i>Math</i> : Sports Percentages – <i>Writing</i> : Persuasive Writing	46
Thursday <i>Science</i> : System Check – <i>Reading</i> : Specialty Words	48
Friday <i>Testing</i> : Ordering Decimals – <i>Friday Fun</i> : Complete Crossword	50
Week 5 Activities	
Monday <i>Math</i> : Excellent Exponents – <i>Reading</i> : The Escape Plan	52
Tuesday <i>Science</i> : Food Chains – <i>Writing</i> : Review the Basics	54
Wednesday <i>Math</i> : Square Roots – <i>Reading</i> : Popular Genres	56
Thursday <i>Writing</i> : Hyperbole – <i>Social Studies</i> : The Preamble	58
Friday <i>Testing</i> : Spelling Practice – <i>Friday Fun</i> : A Name Game	60



Table of Contents *(cont.)*

Week 6 Activities

Monday	<i>Math: Positive & Negative – Writing: Connotation & Denotation</i>	62
Tuesday	<i>Reading: Symbol of Freedom – Social Studies: Checks & Balances</i>	64
Wednesday	<i>Math: Algebraic Equations – Writing: Setting the Mood</i>	66
Thursday	<i>Science: Types of Energy – Reading: Yes or No?</i>	68
Friday	<i>Testing: Evaluating Expressions – Friday Fun: Telephone Tag</i>	70

Week 7 Activities

Monday	<i>Math: Reading Graphs – Reading: The Fall</i>	72
Tuesday	<i>Science: Isaac Newton – Writing: Semicolons</i>	74
Wednesday	<i>Math: Circumference – Reading: Vocabulary in Context</i>	76
Thursday	<i>Writing: Go There – Social Studies: The First Thirteen</i>	78
Friday	<i>Testing: Synonyms – Friday Fun: In Other Words</i>	80

Week 8 Activities

Monday	<i>Math: Mystery Angles – Writing: Choose Wisely</i>	82
Tuesday	<i>Reading: News Report – Social Studies: The Electoral College</i>	84
Wednesday	<i>Math: Identifying Angles – Writing: Here’s How</i>	86
Thursday	<i>Science: The Pull of Gravity – Reading: Bill Gates</i>	88
Friday	<i>Testing: Number Sense – Friday Fun: Who Lives Where?</i>	90

Summer Reading List	92
Reading Log	95
Read and Do	96
Book Review	97
Scientific Process	98
Test-Taking Tips	99
Tough to Spell	100
Proofreading Marks	102
Measurement	103
Answer Key	104
Reward Chart	112



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!

A handwritten signature in black ink that reads "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	<input type="checkbox"/> Math <input type="checkbox"/> Reading	<input type="checkbox"/> Science <input type="checkbox"/> Writing	<input type="checkbox"/> Math <input type="checkbox"/> Reading	<input type="checkbox"/> Writing <input type="checkbox"/> Social Studies	<input type="checkbox"/> Reading <input type="checkbox"/> Friday Fun
Week 2	<input type="checkbox"/> Math <input type="checkbox"/> Reading	<input type="checkbox"/> Science <input type="checkbox"/> Writing	<input type="checkbox"/> Math <input type="checkbox"/> Reading	<input type="checkbox"/> Writing <input type="checkbox"/> Social Studies	<input type="checkbox"/> Reading <input type="checkbox"/> Friday Fun
Week 3	<input type="checkbox"/> Math <input type="checkbox"/> Reading	<input type="checkbox"/> Science <input type="checkbox"/> Writing	<input type="checkbox"/> Math <input type="checkbox"/> Reading	<input type="checkbox"/> Writing <input type="checkbox"/> Social Studies	<input type="checkbox"/> Reading <input type="checkbox"/> Friday Fun
Week 4	<input type="checkbox"/> Math <input type="checkbox"/> Reading	<input type="checkbox"/> Science <input type="checkbox"/> Writing	<input type="checkbox"/> Math <input type="checkbox"/> Reading	<input type="checkbox"/> Writing <input type="checkbox"/> Social Studies	<input type="checkbox"/> Reading <input type="checkbox"/> Friday Fun
Week 5	<input type="checkbox"/> Math <input type="checkbox"/> Reading	<input type="checkbox"/> Science <input type="checkbox"/> Writing	<input type="checkbox"/> Math <input type="checkbox"/> Reading	<input type="checkbox"/> Writing <input type="checkbox"/> Social Studies	<input type="checkbox"/> Reading <input type="checkbox"/> Friday Fun
Week 6	<input type="checkbox"/> Math <input type="checkbox"/> Reading	<input type="checkbox"/> Science <input type="checkbox"/> Writing	<input type="checkbox"/> Math <input type="checkbox"/> Reading	<input type="checkbox"/> Writing <input type="checkbox"/> Social Studies	<input type="checkbox"/> Reading <input type="checkbox"/> Friday Fun
Week 7	<input type="checkbox"/> Math <input type="checkbox"/> Reading	<input type="checkbox"/> Science <input type="checkbox"/> Writing	<input type="checkbox"/> Math <input type="checkbox"/> Reading	<input type="checkbox"/> Writing <input type="checkbox"/> Social Studies	<input type="checkbox"/> Reading <input type="checkbox"/> Friday Fun
Week 8	<input type="checkbox"/> Math <input type="checkbox"/> Reading	<input type="checkbox"/> Science <input type="checkbox"/> Writing	<input type="checkbox"/> Math <input type="checkbox"/> Reading	<input type="checkbox"/> Writing <input type="checkbox"/> Social Studies	<input type="checkbox"/> Reading <input type="checkbox"/> 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.



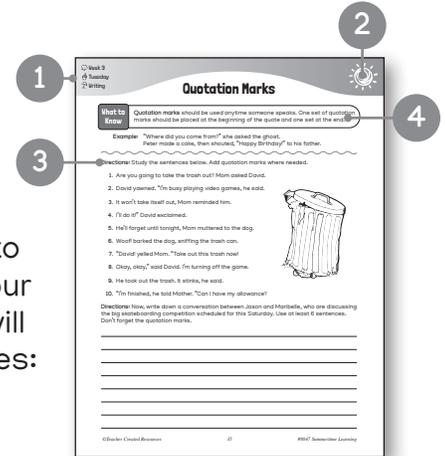
Using This Book (cont.)

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.

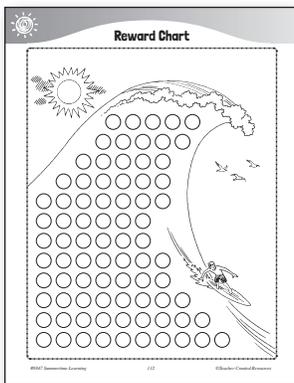
Several pieces of information are given in a straightforward, easy-to-read manner at the top of each activity page.

- 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 | 5. 3 quarts = _____ pints |
| 2. 8 quarts = _____ gallons | 6. 24 fluid ounces = _____ cups |
| 3. 1 gallon = _____ fluid ounces | 7. 2 gallons = _____ pints |
| 4. 1 quart = _____ cups | 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. $.217 \div .7 = \underline{.31}$

3. $3.90 \div .03 = \underline{\hspace{2cm}}$

4. $.72 \div .03 = \underline{\hspace{2cm}}$

5. $3.12 \div .08 = \underline{\hspace{2cm}}$

6. $9.16 \div .08 = \underline{\hspace{2cm}}$

9. $.570 \div .08 = \underline{\hspace{2cm}}$

11. $.552 \div .03 = \underline{\hspace{2cm}}$

12. $.153 \div .03 = \underline{\hspace{2cm}}$

13. $9.80 \div .05 = \underline{\hspace{2cm}}$

14. $3.08 \div .7 = \underline{\hspace{2cm}}$

15. $.488 \div .08 = \underline{\hspace{2cm}}$

Down

2. $4.1 \times .3 = \underline{\hspace{2cm}}$

3. $41 \times 3.5 = \underline{\hspace{2cm}}$

6. $2.5 \times 6.1 = \underline{\hspace{2cm}}$

7. $1.1 \times 4 = \underline{\hspace{2cm}}$

8. $9 \times .9 = \underline{\hspace{2cm}}$

9. $.5 \times 14.95 = \underline{\hspace{2cm}}$

10. $4.3 \times .5 = \underline{\hspace{2cm}}$

11. $.2 \times 5.8 = \underline{\hspace{2cm}}$

13. $.04 \times 36.5 = \underline{\hspace{2cm}}$

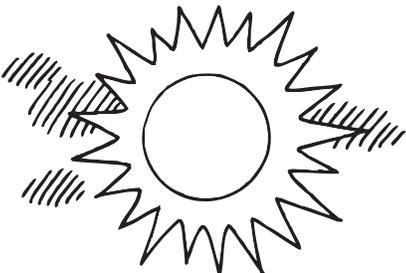
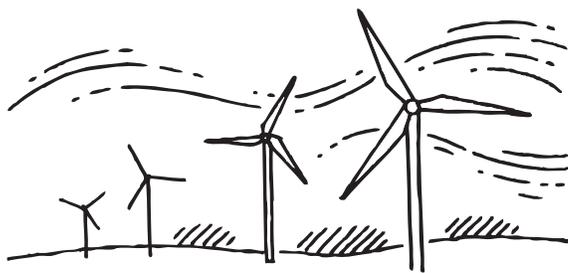
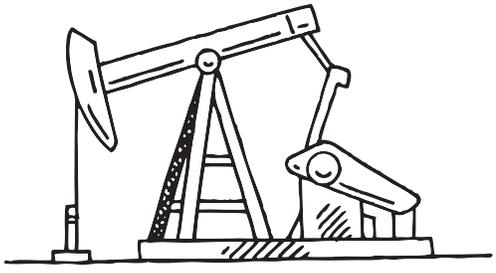


Types of Energy

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

<p>1.</p>  <p>_____</p>	<p>2.</p>  <p>_____</p>
<p>3.</p>  <p>_____</p>	<p>4.</p>  <p>_____</p>

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



Vocabulary in Context

Directions: Read the following speech of a blackbird to a scarecrow. Find the meaning of each underlined word. Put the letter of the answer on the blank line. Use the definitions in the box below to help you.

- | | | |
|------------------|--------------------|------------------------|
| A. bother, annoy | C. grouchy, grumpy | E. guard, protector |
| B. a silly trick | D. stick out | F. make a forward move |

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Caw! Caw! Caw! What's that ugly thing doing in my cornfield? You don't suppose that is what they call a scarecrow? Huh! Well, it doesn't scare me! Hey, you ¹ornery thing! Stop waving your long arms around my face. That's my corn, you know. You can stop your ²caper right now, and let me get my lunch! In fact, you are really beginning to ³irk me. So, stop waving around like that. I'm about to ⁴lunge at you and bite you if I don't get my lunch soon. Anyway, why does all of your hair ⁵protrude like that? Haven't you heard of a comb? Now, here I come! You might think you are a ⁶sentinel, but my desire for corn is stronger than my fear of you!

Directions: Circle the best answer to each of the following questions.

- | | | |
|---|-----------|----------|
| 7. Which would be another name for a watchdog? | caper | sentinel |
| 8. What do you call it when something irritates you? | sentinels | irks |
| 9. Which might make you laugh? | caper | ornery |
| 10. Which word describes a sudden pounce? | ornery | lunge |
| 11. What describes a bad attitude? | protrude | ornery |
| 12. What is another word for when something extends beyond a surface? | protrude | irk |

Directions: Use each new word in a sentence.

13. _____
14. _____
15. _____
16. _____
17. _____
18. _____