





# 4TH GRADE SUMMER PROJECT

Student Name:

Project Due Date: September 4th (for a grade)

Free Dress Down Day Pass will be awarded if turned in the 1st week of school!  
Projects should be submitted to your homeroom teacher.

## Grade Level Expectations

<p style="text-align: center;"><b>English Language Arts</b> </p> <ul style="list-style-type: none"> <li>Fluently read 161 words per minute</li> <li>Determine the main idea and details in a story</li> <li>Compare and contrast information in multiple texts and learn how to use organizational methods (Venn diagrams, maps, webs)</li> <li>Recall and retell events from a story in order</li> <li>Tell how the author uses details to support them in a story or text</li> <li>Conduct research using online and printed material</li> <li>Know how to write a story with a beginning, middle, and end.</li> <li>Know how to write multiple paragraphs and cite evidence</li> <li>Know proper punctuation (periods, exclamations points, question marks, commas, and apostrophes)</li> <li>Know the standard rules of English grammar</li> </ul>	<p style="text-align: center;"><b>Math</b> </p> <ul style="list-style-type: none"> <li>Subtracting whole numbers using a standard algorithm with regrouping and zeroes.</li> <li>Round whole numbers to the nearest 10 and 100</li> <li>Understand the relationship between multiplication and division</li> <li>Memorize 0-12 multiplication facts. Need to be completely fluent.</li> <li>Division facts 0-10</li> <li>Understand and identify benchmark fractions such as 1/2, 1/3, 2/3, 1/4, and 3/4</li> <li>Order and compare fractions and identify equivalent fractions</li> <li>Solve problems involving the area and perimeter of rectangles</li> </ul>
<p style="text-align: center;"><b>Science &amp; Social Studies</b></p> <ul style="list-style-type: none"> <li>Read a map (key/legend, cardinal directions)</li> <li>Identify ways citizens work together to influence government and help solve community and state problems</li> <li>Explain the importance of public service, voting, and volunteerism</li> <li>Safely participate in a lab (listen to directions, do not touch anything until instructed to do so, never put anything in mouth, etc.)</li> <li>Have a basic understanding of steps of the scientific process.</li> <li>Understand the importance of creating detailed observations.</li> <li>Have a basic understanding of the states of water.</li> <li>Explore with magnets.</li> </ul> 	<p style="text-align: center;"><b>Readiness Skills</b></p> <ul style="list-style-type: none"> <li>Work independently</li> <li>Work cooperatively in a group</li> <li>Follow directions and participate in group activities</li> <li>Share and communicate appropriately with other students and respect their peers</li> <li>Showing kindness, caring, and willingness to help others</li> <li>Demonstrate a responsibility for learning and conduct</li> <li>Demonstrate responsibility for own actions</li> </ul> 

## Recommended Reading List

### Adventure & Fantasy

- "Dragonbreath" by Ursula Vernon
- "Wings of Fire (Book 1: The Dragonet Prophecy)" by Tui T. Sutherland

### Mystery & Problem Solving

- "The Lemonade War" by Jacqueline Davies
- "Encyclopedia Brown, Boy Detective" by Donald J. Sobol

### Humor

- "Judy Moody" by Megan McDonald
- "Stink: The Incredible Shrinking Kid" by Megan McDonald

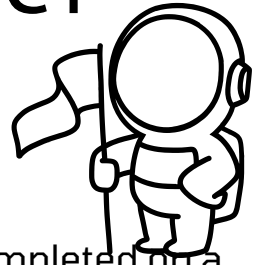
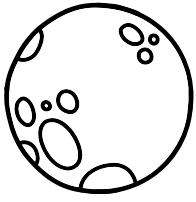
### Friendship & Life Lessons

- "Because of Winn-Dixie" by Kate DiCamillo
- "Clementine" by Sara Pennypacker





### Graphic Novels

- "Smile" by Raina Telgemeier
- "Dog Man" by Dav Pilkey

# 4TH GRADE SUMMER PROJECT CHOICE BOARD



**Choose 1 activity from each category.** Each task should be completed on a separate sheet of paper with the subject and task name as the header.  
( ie: Math Geometry)

<b>Math</b> - +	<b>Writing</b> 	<b>Reading</b> 	<b>Science</b> 
<p><b><u>Geometry-</u></b> Students need to make a picture book with 15 shapes they see around the world. They must have a picture of the object, label it with its geometric shape, label if it's 2D or 3D and if it's symmetrical.</p>  <p><b>Rectangle</b></p>	<p><b><u>Journal:</u></b> Keep a journal this summer. Make 5 first person journal entries about something fun you did over your summer break. Each entry should be 4 or more sentences.</p>	<p><b><u>Sequencing:</u></b> Create a comic strip of events from a book in sequence.</p>	<p><b><u>Solar Oven:</u></b> Build a simple solar oven using a pizza box, aluminum foil, plastic wrap, and black paper. Then, they test it by making s'mores using the sun's energy.</p>
<p><b><u>Measurement and Data-</u></b> Create a daily schedule that shows what a regular day over the summer looks like. Start with the time you wake up and list at least 10 events you complete during the day. End with the time you go to bed. Use a table or timeline to organize your schedule neatly including the time spent on each event. Then, create a bar graph that shows how much time you spend in each category: learning, playing, resting, eating, chores</p>	<p><b><u>Adventure:</u></b> Write a 4 paragraph fictional story about a kid who goes on an epic adventure.</p>	<p><b><u>Create a Book:</u></b> Create an alternate book cover and summary (5 or more sentences) for a book from the summer reading list.</p>	<p><b><u>Explore your world:</u></b> Explore a local park or backyard and record different plants, insects, birds, or animals they observe. Then draw or take pictures, then research and classify what they found. Talk about habitats, food chains, and why biodiversity is important for healthy ecosystems.</p>
<p><b><u>Operations and Algebraic Thinking:</u></b> Create 4 story problems that can be solved using addition/subtraction, 4 that can be solved with multiplication/division and 2 multi-step problems. Please create a worksheet and a separate answer key showing how to solve the problems.</p>		<p><b><u>New Ending:</u></b> Write an alternative ending (5 or more sentences) for a book of their choice. Illustrate your new ending.</p>	
<p><b><u>Numbers and Operations/Base 10-</u></b> Using the number in your street address, create a poster that represents the number in the following forms: standard form, word form, expanded form, base ten model. Also write if your number is even or odd and write the number rounded to the nearest ten, hundred and thousand.</p>		<p><b><u>Timeline:</u></b> Create a timeline of events from a nonfiction book of their choosing. (8 events or more)</p>	