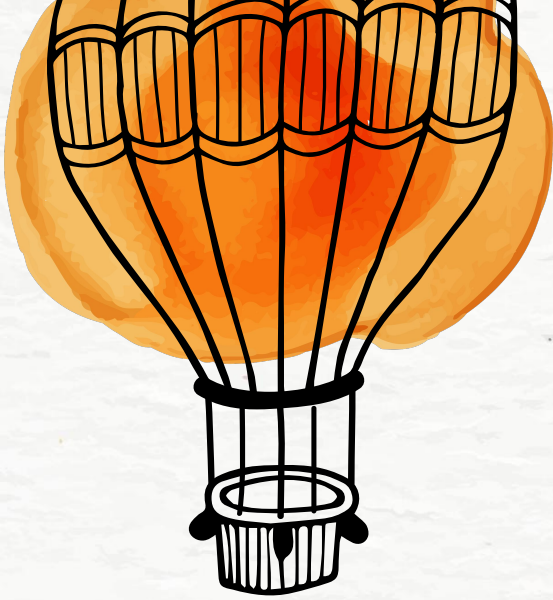




Soar into Summer

D15 Summer Learning

Fourth Grade

<u>Day 1</u>	<u>Day 2</u>	<u>Day 3</u>	<u>Day 4</u>	<u>Day 5</u>
<u>Day 6</u>	<u>Day 7</u>	<u>Day 8</u>	<u>Day 9</u>	<u>Day 10</u>
<u>Day 11</u>	<u>Day 12</u>	<u>Day 13</u>	<u>Day 14</u>	<u>Day 15</u>
<u>Day 16</u>	<u>Day 17</u>	<u>Day 18</u>	<u>Day 19</u>	<u>Day 20</u>



Fourth Grade

Day 1



Literacy

The "Main Idea" Umbrella. Read a news article. Draw an umbrella. Write the "Main Idea" on top and 3 "Supporting Details" as the raindrops underneath.

Math

Find 3 large numbers in a newspaper or online (e.g., populations). Write them in "Expanded Form" (e.g., $45,210 = 40,000 + 5,000 + 200 + 10$).

Additional Summer Learning Activities

The 4th Grade "Workspace" Design. Have your child organize a dedicated "office spot" for school work. Discuss why a distraction-free zone is a "Success Criterion" for 4th grade.



Fourth Grade

Day 2



Literacy

Vocabulary "Shades of Meaning." Take a word like "Walk." Have your child list 5 words that mean the same but are more descriptive (e.g., trudge, saunter, sprint, pace, amble).

Math

Multiplication War (Multi-Digit). Use a deck of cards. Flip 3 cards to make a 2-digit x 1-digit problem (e.g., 24×5). First one to solve wins the cards.

Additional Summer Learning Activities

Laundry Probability. When folding socks, what is the probability of pulling out a matching pair without looking? Discuss "likely" vs "unlikely."



Fourth Grade

Day 3



Literacy

Character Motivation. After a chapter, ask: "Why did the character make that choice?" They must find one sentence in the book as "Evidence" to prove it.

Math

The \$100 Grocery Challenge. Look at a circular or grocery app. "Buy" as many items as you can for exactly \$100 without going over.

Additional Summer Learning Activities

Bird's Eye View Map. Draw a map of your kitchen from the perspective of a fly on the ceiling. Include a "Legend" for the stove, sink, and fridge.



Fourth Grade

Day 4



Literacy

First Person vs. Third Person. Read a page of a book. If it's in 3rd person (he/she), have them rewrite one paragraph in 1st person (I/me).

Math

Division with Remainders. Give your child 21 beans or crackers. Ask them to divide them into 4 equal piles. How many are left over? Write the equation: 21 divided by 4 = 5 remainder 1

Additional Summer Learning Activities

Shadow Clock. Put a stick in the ground (or a tall cup on the sidewalk). Mark where the shadow is every hour. Why does it grow and shrink?



Fourth Grade

Day 5



Literacy

Opinion vs. Fact Debate. Have your child write a "Review" of a movie. They must label which sentences are FACTS and which are OPINIONS.

Math

Math: Factor Pairs. Pick a number (like 24). How many "Factor Pairs" can you find? (e.g., 1×24 , 2×12 , 3×8 , 4×6).

Additional Summer Learning Activities

Kitchen Chemistry. Mix baking soda and vinegar (over a sink!). Discuss "Chemical Reactions" How do we know a change happened? (Bubbles/Fizz).



Fourth Grade

Day 6



Literacy

The What's Next? Prediction. Stop reading in the middle of a chapter. Have them write 3 sentences predicting what will happen based on what they've read so far.

Math

Equivalent Fraction Art. Draw two identical rectangles. Divide one into 2 parts (halves) and one into 4 parts (fourths). Show how $\frac{1}{2}$ is the same size as $\frac{2}{4}$

Additional Summer Learning Activities

Use a piece of paper to make a fan. See which household objects are easily moved by "wind" and which are not. Discuss "Mass."

[Fourth Grade Home](#)



Fourth Grade

Day 7



Literacy

Poetry: The Alliteration Challenge. Write a 5-line poem where every line starts with the same letter (e.g., Silly summer sun shines softly...).

Math

Fraction Comparison. Use a deck of cards to create two fractions (e.g., $\frac{1}{4}$ and $\frac{3}{4}$). Use $>$ (greater than) or $<$ (less than) to compare them.

Additional Summer Learning Activities

The 4th Grade "Pace." Set a timer for 10 minutes. See how much of a specific chore or task they can do with high quality. 4th grade requires more "stamina."

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Fourth Grade

Day 8



Literacy

Inference Investigator. Look at a photo of a person's shoes or bag. What can you infer about that person? (e.g., They are an athlete because their bag has cleats).

Math

Decomposing Fractions. Take a fraction like $\frac{3}{4}$. Show how it is actually $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$. Use pieces of bread or paper to visualize it.

Additional Summer Learning Activities

Simple Machines Hunt. Find a lever (scissors), an inclined plane (a ramp or doorstep), and a screw in your house. How do they make work easier?



Fourth Grade

Day 9



Literacy

Simile & Metaphor Hunt. Look through a book for a comparison using "like" or "as." If they can't find one, have them write 3 of their own about summer.

Math

Decimal Dime Match. Show how 10 cents is 0.10 or $\frac{1}{10}$ of a dollar. Practice writing money as both a decimal and a fraction.

Additional Summer Learning Activities

Community Hero Interview. Ask an adult about their job. What is the most important "Success Criterion" for them to be good at their work?



Fourth Grade

Day 10



Literacy

Prefix/Suffix Surgery. Take words like **Unhappy** or **Careless**. Cut them into the **Root**, the **Prefix**, and the **Suffix**. How does the meaning change?

Math

Symmetry in Nature. Find 5 leaves or flowers outside. Draw them and draw a dotted "Line of Symmetry" to show if both sides match.

Additional Summer Learning Activities

Water Cycle in a Bag. Put a little water in a Ziploc bag, tape it to a sunny window.

Watch the "Evaporation" and "Condensation" over 2 days. Record your findings with sketches and details.

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Fourth Grade

Day 11



Literacy

Compare & Contrast Genres. Read a poem and a short story about the same topic (like "dogs"). Use a Venn Diagram to show how they are different styles.

Math

Angle Scavenger Hunt. Find 3 Right Angles (90 degrees, like a corner), 3 Acute (small), and 3 Obtuse (wide) angles in your house.

Additional Summer Learning Activities

Seed Dispersal. Find a dandelion or a "helicopter" seed from a tree. How does it travel? Discuss how plants "move" without legs.



Fourth Grade

Day 12



Literacy

The Five W Summary. After reading, write: Who, What, When, Where, and Why. This is an example of a 4th grade summary formula.

Math

Perimeter vs. Area. Use a ruler to measure a book. Find the Perimeter (add all sides) and the Area (Length x Width). They are different!

Additional Summer Learning Activities

Ecosystem in a Square. Use string to mark a 1-foot square in the grass. Record every living and non-living thing inside.



Fourth Grade

Day 13



Literacy

The Redesign Artist. Look at a book cover. Based on the story, draw a new cover that you think represents the "Main Idea" better.

Math

Math: Line Plotting Snacks. Take a handful of snacks (like cereal). Measure 10 pieces to the nearest $\frac{1}{4}$ inch. Create a Line Plot graph to show the data.

Additional Summer Learning Activities

Historical Timeline. Create a timeline of your life with 5 major "Events." Draw a small picture for each.



Fourth Grade

Day 14



Literacy

Context Clue Cloze. Have a parent cover 5 words in a story with sticky notes. The student must guess the word based on the sentences around it.

Math

Math: Protractor Prep. If you don't have a protractor, use the corner of a piece of paper (90 degrees) to estimate if other angles are larger or smaller than 90.

Additional Summer Learning Activities

Static Electricity. Rub a balloon (or a plastic comb) on your hair. Can you use it to pick up a tiny piece of tissue paper?

Discuss Invisible Forces.



Fourth Grade

Day 15



Literacy

Dialogue Writer. Write a short conversation between two shoes in a closet. Use quotation marks (" ") correctly!

Math

Number Patterns. Start a pattern: 4, 8, 12, 16... Ask: "What is the rule? What is the 10th number in this pattern?"

Additional Summer Learning Activities

Heat Absorption. Put a black piece of paper (can color with a marker) and a white piece of paper in the sun. After 10 minutes, which one feels hotter? Why?



Fourth Grade

Day 16



Literacy

Theme Search. What was the "Message" or "Lesson" of the book you just finished? (e.g., "Honesty is the best policy").

Math

Math: Multi-Step Word Problems. "I have \$50. I buy 3 shirts for \$12 each. How much money is left?" $\$50 - (3 \times 12)$

Additional Summer Learning Activities

Recycled Engineering. Build a Marble Run or a Toy Car Slide using empty paper rolls, other objects, and tape.



Fourth Grade

Day 17



Literacy

Letter to My 4th Grade Teacher. Write a formal letter. Use mindset language: "One thing I am working on is..." and "One thing I'm proud of is..."

Math

Give your child 12 small items (beans, pennies, or LEGO bricks). Ask them to try to arrange 7 items into a perfect rectangle. (They will find they can only make a 1×7 line. This means 7 is PRIME). Now, ask them to arrange 12 items into as many different rectangles as possible. (They can make 1×12 , 2×6 , and 3×4 . Because there is more than one way, 12 is COMPOSITE).

Additional Summer Learning Activities

Kitchen Measurements. Follow a recipe (like muffins) but double it. If it asks for $\frac{3}{4}$ cup of sugar, how much do you need for a double batch? ($\frac{3}{4} + \frac{3}{4} = \frac{6}{4}$ or 1 and $\frac{1}{2}$ cups).

Fourth Grade Home



Fourth Grade

Day 18



Literacy

The Book Blurb Writer. Look at the back of a book. Have your child write a 3-sentence teaser for their own imaginary story, designed to make someone want to read it.

Math

Adding Fractions with the same denominator. Use a sliced apple or a drawing. Show that $\frac{2}{8} + \frac{3}{8} = \frac{5}{8}$. Remind them: The pieces (denominator) stay the same size; we just have more of them (numerator).

Additional Summer Learning Activities

Goal Setting. Write down 3 "Outcomes" (like the slide suggests!) that they want for their first month of 4th grade.

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Fourth Grade

Day 19



Literacy

Fluency Performance. Have them pick one page and read it 3 times. Focus on expression, read it like a narrator in a movie.

Math

Geometry Draw. Challenge: Draw a shape that has parallel lines (like train tracks) and at least one Right Angle (like a square corner).

Additional Summer Learning Activities

Working Memory Grocery List

The Task: Tell your child 5–7 items you need from the kitchen (e.g., "an apple, a spoon, a blue cup, a napkin, and a rubber band"). They are not allowed to write them down. They must repeat the list back to you, then go find the items and bring them to a "collection zone."

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Fourth Grade

Day 20



Literacy

Summer Reflection. Write a Top 5 list of the best things that happened this summer. Use at least three Grade 4 adjectives (like spectacular, exhausting, or adventurous).

Math

The Final Challenge. Create a 5-problem Quiz for a parent to take, including one multiplication, one division, and one fraction problem.

Additional Summer Learning Activities

School Readiness Scavenger Hunt. Hide their backpack or a new school supply. They must solve 2 multiplication problems and 1 reading prompt to find the next clue!

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