PASSPORT

Broad Street School
Summer Challenge
And so the adventure begins . . .
(Grade 5)

Name______________________________

Sponsored by

Paulsboro Refining Company®
And so the adventure begins....but what does that mean? Welcome to your Summer Challenge for Broad Street Elementary School. You will board an imaginary airplane and take flight on the most exhilarating journey through summer. As your imaginary plane lands on each continent, you will travel your way through activities, collecting points along the way. How many points you collect and how much fun you have collecting those points are decisions only you can make. Below, you will find your itinerary. Buckle up and prepare for the adventure!

Destination #1: Africa

Travel through Africa completing activities in Mathematics. You MUST complete the item with a ★★★ in this category. Any place you see this symbol: ⬜️, you can earn 1 point for completing the activity. Fill in all the circles for all the points!

Destination #2: Asia

Travel through Asia completing activities in English-Language Arts. You MUST complete the items with a ★★★ in this category. Any place you see this symbol: ⬜️, you can earn 1 point for completing the activity. Fill in all the circles for all the points!

Destinations #3-7: The rest of the World!

Travel through the remaining continents of Antarctica, Australia, Europe, North America, and South America completing various activities in Science, Social Studies, Travel, The Arts, Community activities, Life Skills, and Physical Education.
Collect 20-95 points as you adventure through Mathematics activities. One ♦ = 1 point. The activity with a ★★★ is a required activity.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Points</th>
<th>Complete</th>
<th>Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: Follow a recipe.</td>
<td>5</td>
<td>X</td>
<td>5</td>
</tr>
</tbody>
</table>

★★★ MUST DO: Complete a review packet to practice the math facts and skills you have learned. 20

Complete 1 Hour of i-Ready Online Instruction every week. Each ♦ = 5 points

Outdoor Activities
(suggested activities include but are not limited to: draw geometric shapes or complete math facts outside in the sand or with chalk, find various geometric shapes and identify symmetry in nature)

5

Authentic Math Experiences
(suggested activities are: use money to pay for something and count your change for accuracy, figure out the running time of your favorite movie in hours and minutes, calculate the elapsed time for your vacation or day trip, interview an adult to see how they use math in everyday life, create a survey and display the data in a bar diagram)

10

The Joy of Coding
Use the website www.learning.com to practice coding skills. There are assigned activities to complete. To log in to the website and see these assignments, your credentials are:

First Initial Last Name (ex: jdoe)
Password: your lunch number (ex: 3456)

10

Women’s World Cup Connection
(suggested activities are: count goals scored during a game or several games, tally goals scored for each continent, track goals scored by the same player using tallies)

5

IXL
(Log one hour on IXL practicing your upcoming grade-level skills)

5

Total Points Earned in This Category:
Collect 20-170 points as you adventure through English-Language Arts activities.

The item with a ★★★ is a required activity.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Points</th>
<th>Completed?</th>
<th>Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: Read to a shelter dog.</td>
<td>10</td>
<td>X</td>
<td>10</td>
</tr>
<tr>
<td>★★★★ MUST DO: Read a novel from the grade level suggested list. Then, complete a follow-up assignment from a choice board of activities.</td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete 1 Hour of i-Ready Online Instruction every week. Each ⊙ = 5 points</td>
<td>Up to 40</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Listen to Mrs. Whitcraft reading a book. Visit the Greenwich Township official website online using this address: <a href="http://www.greenwich.k12.nj.us">www.greenwich.k12.nj.us</a></td>
<td>Up to 25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Each ⊙ = 5 pts.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Read a novel for pleasure (can be from the list of suggested novels, the series list, or of your own choice). Each ⊙ = 5 pts.</td>
<td>Up to 25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Read about famous Mathematicians or Scientists.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visit the library and/or attend events at the library.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Keep a journal over the summer.</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Read the newspaper with an adult to focus on some current events and trends in our town, state, country, and world.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Make connections to videos and movies you watch or books you read.  
  *(Text-to-Text, Text-to-Self, Text-to-World)*                           | 5      |            |        |
| Read to a shelter dog.                                                  | 10     |            |        |
| Write to a pen pal. You could send them a postcard.                     | 5      |            |        |
| Read a Tomie DePaola book (Italian Connection)                          | 5      |            |        |
| Write a personal narrative about a summer experience.                   | 10     |            |        |

Total Points collected in this Category:
Collect up to 60 points as you adventure through Life Skills activities. One ☒ = 1 point.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Points</th>
<th>Complete?</th>
<th>Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: Learn how to sew and use the skill to create various items.</td>
<td>5</td>
<td>X</td>
<td>5</td>
</tr>
<tr>
<td>Learn how to sew and use the skill to create various items.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bake or cook something (with assistance from a grown-up as needed).</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ride a bicycle.</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Care for a pet (feed, walk, bathe).</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete various indoor household responsibilities. (suggested activities include but are not limited to: take out the garbage, sweep the floor, mop the floor, vacuum, load/unload the washer or dryer, load/unload the dishwasher, take bedding items off of bed for cleaning, make bed, fold laundry, wash dishes, dust furniture, clean countertop surfaces, put away groceries, set the table)</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete various outdoor responsibilities. (suggested activities include but are not limited to: pull weeds from the garden, plant seeds, water the plants, rake leaves)</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Work with a grown-up to set up an emergency preparedness plan. (suggested activities include but are not limited to: create a fire evacuation plan, develop a meeting place, decide on escape exits, put together an emergency kit, create a list of emergency contacts)</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete other activities that focus on important life skills. (suggested activities include but are not limited to: open a savings account, go fishing or crabbing, donate clothes to a charity, participate in an extracurricular summer camp)</td>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Points Earned in this Category
Collect up to 100 points as you adventure through Visual and Performing Art activities.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Points</th>
<th>Completed?</th>
<th>Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: Draw and color a flower.</td>
<td>5</td>
<td>X</td>
<td>5</td>
</tr>
<tr>
<td>Draw and color a flower.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Draw a picture of the outside of your house. Add as much detail as possible.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Find a rock in your yard and paint it or write an inspiring word on it.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Draw portraits of your family members.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Listen to Vivaldi’s <em>Four Seasons</em>, an Italian opera, or a song by Andrea Bocelli and draw a picture to show how the song makes you feel.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Make a Carnevale mask similar to the ones people wear in Venice.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Create a country flag for a Women’s World Cup team.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attend an art or craft class at a county library. (Check for events on gcls.org)</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attend a dance class.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attend a live music performance.</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Take music lessons to learn an instrument.</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Practice your instrument at least once a week.</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Create a theater set in your home and perform a play for your family.</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Go to the Philadelphia Museum of Art or Grounds for Sculpture (located in Hamilton, NJ, near Trenton)</td>
<td>15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Points Earned in this category:
Collect up to 90 points as you adventure through Social Studies and Travel activities.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Points</th>
<th>Completed?</th>
<th>Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: Travel by airplane.</td>
<td>5</td>
<td>X</td>
<td>5</td>
</tr>
<tr>
<td>Travel by car.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travel by boat.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travel by airplane.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travel by train.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travel to a neighboring state.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>(Delaware, Pennsylvania, New York)</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travel to 3 shore points.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>(New Jersey shore points recommended for this activity)</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travel to a faraway state or internationally.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Send a postcard to the school from a place you visit.</td>
<td>25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Each ☐=5 point.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Send Postcards to:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Broad Street Elementary School</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>255 West Broad Street</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gibbstown, NJ 08027</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Take a Day Trip with family and/or friends.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>(suggested places include but are not limited to: various New Jersey lighthouses, Fort Mott, Northnagle Log Cabin, a local zoo, Red Bank Battlefield, state parks, museums, historical buildings or landmarks, Rowan’s Dinosaur Dig, theater trip, local farm stands, National Parks, Wheaton Village)</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Discover Italian Culture</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Go to the local library and check out a few books on Italian culture, Italian recipes, or the country of Italy.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Women’s World Cup Connection</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Find facts about countries playing in the Women’s World Cup.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Practice a Language</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Go on Duolingo, Quizlet, and/or ABCya! and practice Italian vocabulary at least once a week.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Points Completed in this Category:
Collect up to 65 points as you adventure through Science activities. One ircles = 1 point.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Points</th>
<th>Complete</th>
<th>Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: Track sunrise/sunset times for a week.</td>
<td>10</td>
<td>X</td>
<td>10</td>
</tr>
<tr>
<td>Tend to a garden:</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Suggested activities include but are not limited to: grow a plant, water the garden, pull weeds, plant seeds. Must collect 10 points.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Read about Leonardo Da Vinvci and his inventions (Italian Connection).</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Build a habitat for an insect or an animal.</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(suggestions include but are not limited to: caterpillar, ant, bird, squirrel)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Track phases of the moon for a month.</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Track the weather for a week.</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stargaze and view astronomical events.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Suggested activities include: Full Moon, meteor showers, and the movement of the planets closest to Earth. Use the website listed below for more activities.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STEM/STEAM Connection</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Use the website listed below or participate in a kid’s STEM/STEAM event at the Gloucester County Library to create, build, assemble, etc...</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><a href="https://playtivities.com/stem-challenges-family/">https://playtivities.com/stem-challenges-family/</a></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Build a model of the layers of the Earth or Solar System.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explore the World of Science</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Use the Mystery Doug website below to watch videos on various Science topics and learn more about the wonderful world of Science! This website is FREE!</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Points Earned in this category:
Collect 70 points as you adventure through Community and Physical Education/Health activities. One ☒ = 1 point.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Points</th>
<th>Complete</th>
<th>Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: Play ball games with a grown up while also practicing kindness. See attached page for suggested activities with directions.</td>
<td>10</td>
<td>☒</td>
<td>10</td>
</tr>
<tr>
<td>Interview a community worker or school staff member.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visit places in the Gibbstown Community. (Suggested places include but are not limited to: The post office, the library, the fire hall, a local bank, the municipal building)</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attend the St. Michael’s Festival.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attend the Gibbstown July 4th parade.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Host a yard sale or lemonade stand.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Practice yoga or other relaxation strategy.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Demonstrate acts of kindness. (Suggested activities include but are not limited to: send someone a card for no reason, send a thank you card, deliver a gift to a community worker or organization, hold the door open for a stranger)</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Play ball games with a grown up while also practicing kindness. See attached page for suggested activities with directions.</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Take a kayaking class or swimming lesson at a local lake or pool.</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ride your bike or scooter.</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Play a physical game with a friend. (Suggestions include but are not limited to: Frisbee, tag, football, basketball, tennis, soccer, racing, rugby, dodge ball, Gaga ball, golf, baseball/softball, swimming, catch)</td>
<td>10</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Points Earned in This Category:
Suggested Activities for Practicing Kindness While Playing Ball Games

(1) Goal Kick
Place the ball on a marker (or behind a stick) and kick it into a homemade goal using sticks or rocks. (Be sure to give plenty of encouraging comments to each other as you try.)

(2) Partner Kick
Kick the ball to each other, increasing distance with repetitions. (Practice saying “Are you ready?” and “Here you go!” to play nicely, being sure not to hit the other person too hard with the ball.)

(3) Relay
Take turns kicking the ball from a starting point to a cone/stick, and then back to the same starting point. Pass it to the next person to have a go. (Be patient waiting your turn and don't forget to say “Thank you” when you get the ball passed to you.)

(4) Measuring Distance
Try to kick the ball as far as you can, measuring how far you can kick by placing a rock or stick where the ball landed. (Be proud of each other’s achievements instead of focusing on “winning.”)

(5) Counting Rolls
Sit across from each other and roll the ball to each other. How fast can you roll it; how many times without stopping? You may like to count as the ball goes back and forth, suggestion a number you can aim to get to such as 10, 20 or 50 depending on age. (Say “Well done!” and “Good job!” to celebrate each other’s hard work when you reach a goal number)

(6) Partner Bounce
Throw the ball to each other while standing still. Then take a step back and try adding a bounce in between. (Try to throw and bounce so that your partner can catch the ball easily; think of how to make it fun for them as this is the kind thing to do.)

(7) Partner Sing
Toss or kick the ball to one another as you sing a song, such as the ABC’s or “Twinkle, Twinkle Little Star.” Can you throw/kick along with the rhythm? Can you sing and throw/kick at the same time or is it quite tricky? (Be sure not to get angry with someone if they “mess up.” Say, “That's okay, we can try again.”)

(8) Up In The Air
Throw the ball up and then try to catch it. How high can you throw it? (Practice taking turns and kindly negotiate sharing the ball by saying, “Okay, you have five throws and then I'll have five throws.”)
# List of Recommended Book Series for Pleasure Reading

<table>
<thead>
<tr>
<th>Series Titles</th>
<th>Author</th>
<th>F&amp;P Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat Stanley</td>
<td>Jeff Brown</td>
<td>M</td>
</tr>
<tr>
<td>Fly Guy</td>
<td>Tedd Arnold</td>
<td>I</td>
</tr>
<tr>
<td>If You Give a...</td>
<td>Laura Numeroff</td>
<td>K</td>
</tr>
<tr>
<td>Junie B. Jones</td>
<td>Barbara Park</td>
<td>M</td>
</tr>
<tr>
<td>Amelia Bedelia</td>
<td>Barbara Park</td>
<td>L</td>
</tr>
<tr>
<td>Captain Underpants</td>
<td>Dav Pilkey</td>
<td>P</td>
</tr>
<tr>
<td>Babysitter's Club</td>
<td>Ann M. Martin</td>
<td>S</td>
</tr>
<tr>
<td>Goosebumps</td>
<td>R. L. Stine</td>
<td>S</td>
</tr>
<tr>
<td>Diary of a Wimpy Kid</td>
<td>Jeff Kinney</td>
<td>T</td>
</tr>
<tr>
<td>Magic Treehouse</td>
<td>Mary Pope Osbourne</td>
<td>M</td>
</tr>
<tr>
<td>I Survived</td>
<td>Lauren Tarshis</td>
<td>R</td>
</tr>
<tr>
<td>39 Clues</td>
<td>Various authors</td>
<td>U</td>
</tr>
<tr>
<td>Swindle</td>
<td>Gordan Korman</td>
<td>T</td>
</tr>
<tr>
<td>Percy Jackson and the Olympians</td>
<td>Rick Riordan</td>
<td>W</td>
</tr>
<tr>
<td>Harry Potter</td>
<td>J.K. Rowling</td>
<td>V, W</td>
</tr>
<tr>
<td>Chronicles of Narnia</td>
<td>C.S. Lewis</td>
<td>T</td>
</tr>
<tr>
<td>The Borrowers</td>
<td>Mary Norton</td>
<td>S</td>
</tr>
<tr>
<td>Sisters</td>
<td>Raina Telgemeier</td>
<td>R</td>
</tr>
<tr>
<td>The Boxcar Children</td>
<td>Gertrude Chandler Warner</td>
<td>O</td>
</tr>
<tr>
<td>Nate the Great</td>
<td>Craig, Mitchell, and Marjorie W. Sharmat</td>
<td>K</td>
</tr>
<tr>
<td>Judy Moody</td>
<td>Megan McDonald</td>
<td>L</td>
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<tr>
<td>A to Z Mysteries</td>
<td>Ron Roy</td>
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<td>Black Lagoon Adventures</td>
<td>Mike Thaler</td>
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<td>Sisters Grimm</td>
<td>Michael Buckley</td>
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<td>Sideways Stories</td>
<td>Louis Sachar</td>
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<td>Geronimo Stilton</td>
<td>Elisabetta Dami</td>
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June 2019

Dear Broad Street Students and Parents,

Our students have been working hard all year to grow as readers and writers; and summer is a great time to continue reading to maintain the literacy skills gained throughout the year. Many studies have shown that students tend to experience the “summer slide,” a slow-down in reading abilities, accuracy, vocabulary, and focus. In addition, studies have also shown that when kids read over the summer, they are more likely to leap ahead when they return to school, often called the “summer leap.” Our school has made it a priority to keep our students’ skills sharp by encouraging them to read over the summer. Our goal is to minimize “summer slide” and maximize summer gain.

This summer, all incoming 4th and 5th graders will be required to read a book and complete a character analysis assignment. Your responsibility is to select and read one book from your grade level list and complete the attached graphic organizer. **This graphic organizer will count as a quiz grade and is due on the first day of school.** This is a mandatory assignment for all 4th and 5th grade students. During the first week of classes, you will be asked to write an essay on the main character in your chosen novel. The graphic organizer (attached) will help you with this so you can write a successful essay in September.

Our goal for all students is to help them master the strategies that are critical to their success in school and beyond. By maintaining an active literacy life over the summer, students can ensure the best start to the school year.

If you have any questions about the summer reading assignment, please contact:

**Miss Nicole Leach**
5th grade ELA
nleach@gtsdk8.us

**Miss Annelise Walker**
4th grade ELA
awalker@gtsdk8.us
Please find your grade level below and choose one book to read. Some novels are available at school, and others you can purchase or borrow from the public library. All students were provided with a school novel; however, you may choose to purchase one of the other book options. You must return the school novel on the first day of school.

5th Grade Book List (CHOOSE ONE)

- **Running Out of Time** by Margaret Peterson Haddix (available at school)
  Jessie lives with her family in the frontier village of Clifton, Indiana, in 1840—or so she believes. When diphtheria strikes the village and the children of Clifton start dying, Jessie’s mother reveals a shocking secret—it’s actually 1996, and they are living in a reconstructed village that serves as a tourist site. In the world outside, medicine exists that can cure the dreaded disease, and Jessie’s mother is sending her on a dangerous mission to bring back help. But beyond the walls of Clifton, Jessie discovers a world even more alien and threatening than she could have imagined, and soon she finds her own life in jeopardy. Can she get help before the children of Clifton, and Jessie herself, run out of time?

- **Joey Pigza Swallowed the Key** by Jack Gantos (available at school)
  Joey Pigza can’t sit still. He can’t pay attention, he can’t follow the rules, and he can’t help it–especially when his meds aren’t working. Joey’s had problems ever since he was born, problems just like his dad and grandma have. And whether he’s wreaking havoc on a class trip or swallowing his house key, Joey’s problems are getting worse. In fact, his behavior is so off the wall that his teachers are threatening to send him to the special-ed center downtown. Joey knows he’s really a good kid, but no matter how hard he tries to do the right thing, something always seems to go wrong. Will he ever get anything right?

- **The Lemonade War** by Jacqueline Davies (available at school)
  Fourth-grader Evan Treski is people-smart. He’s good at talking with people, even grownups. His younger sister, Jessie, on the other hand, is math-smart, but not especially good with people. So when the siblings’ lemonade stand war begins, there really is no telling who will win; or even if their fight will ever end. Brimming with savvy marketing tips for making money at any business, definitions of business terms, charts, diagrams, and even math problems, this fresh, funny, emotionally charged novel subtly explores how arguments can escalate beyond anyone’s intent.

- **The Landry News** by Andrew Clements (available at school)
  NEW STUDENT GETS OLD TEACHER: The bad news is that Cara Landry is the new kid at Denton Elementary School. The worse news is that her teacher, Mr. Larson, would rather read the paper and drink coffee than teach his students anything. So Cara decides to give Mr. Larson something else to read—her own newspaper, The Landry News.
  Before she knows it, the whole fifth-grade class is in on the project. But then the principal finds a copy of The Landry News, with unexpected results. Tomorrow’s headline: Will Cara’s newspaper cost Mr. Larson his job?

- **Me, Mop, and the Moondance Kid** by Walter Dean Myers (available at school)
  T.J., his younger brother, Moondance, and Mop—Miss Olivia Parrish—grew up together in the same orphanage. Now T.J. and Moondance have been adopted, and Mop has to find a family before the orphanage closes and “leftover” kids are sent away. Mop hopes that if she can play catcher for the Elks, the Little League baseball team that her friends have joined, the coach will be so impressed that he and his wife will adopt her. It’s going to take a lot of teamwork for her, T.J, and little Moondance to make their dreams come true!
DIRECTIONS: As you read your summer reading book, think about the traits that describe the main character. Use the graphic organizer to list THREE traits and write down evidence (quote with page number) and an explanation to support each trait. One piece of evidence and explanation is required for each of your three traits, but you may include a second piece of evidence and explanation for each trait.

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<tr>
<th>Trait</th>
<th>Evidence</th>
<th>Explanation</th>
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<tr>
<td>Example: Example Trait: Greedy</td>
<td>“Half price for children under six weeks old!” Aunt Sponge shouted. (Page 21)</td>
<td>This shows that Aunt Sponge is greedy because she is charging parents money for their babies, too. These babies under six weeks old don’t understand what they are seeing and won’t remember it, so they shouldn’t be charged money at all.</td>
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<tr>
<td>Evidence</td>
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Another Example

Equivalent decimals name the same amount.

What are two other decimals equivalent to 1.4?

One and four tenths is the same as one and forty hundredths.

\[ 1.4 = 1.40 \]

One and four tenths is the same as one and four hundred thousandths.

\[ 1.4 = 1.400 \]

So, \[ 1.4 = 1.40 = 1.400 \].

Guided Practice

Do You Understand?

1. **MP.2 Reasoning** The number 2.452 has two 2s. Why does each 2 have a different value?

Do You Know How?

For 2–3, write each number in standard form.

2. \[ 5 + 0.5 + 0.03 + 0.006 \]

3. two and sixty-nine thousandths

Independent Practice

For 4–6, write each number in standard form.

4. \[ (3 \times 1) + \left(6 \times \frac{1}{100}\right) \]

5. \[ (7 \times 1) + \left(3 \times \frac{1}{10}\right) + \left(4 \times \frac{1}{1,000}\right) \]

6. five and twenty hundredths

For 7–10, write two decimals that are equivalent to the given decimal.

7. 3.300

8. 9.1

9. 9.60

10. 4.400
Another Example

Order the cockroaches from least to greatest length.

Step 1
Write the numbers, lining up the decimal points. Start at the left. Compare digits of the same place value.

3.576
3.432
3.582

3.432 is the least.

Step 2
Write the remaining numbers, lining up the decimal points. Start at the left. Compare.

3.576
3.582

Step 3
Write the numbers from least to greatest.

3.432 3.576 3.582

From least to greatest lengths are the Oriental, the American, and the Australian.

Guided Practice

Do You Understand?

1. MP.3 Critique Reasoning
Scientists measured a Madeira cockroach and found it to be 3.44 centimeters long. Toby says that the Madeira is shorter than the Oriental because 3.44 has fewer digits than 3.438. Is he correct? Explain.

Do You Know How?

For 2–3, write >, <, or = for each .

2. 2.345 3.509
3. 7.317 7.203

For 4–5, order the decimals from least to greatest.

4. 4.540, 4.631, 4.625
5. 0.575, 1.429, 1.35, 0.593

Independent Practice

For 6–8, compare the two numbers. Write >, <, or = for each .

6. 0.790 0.79
7. 5.783 4.692
8. 6.717 6.718

For 9–10, order the decimals from greatest to least.

9. 606.314, 606.219, 616.208
10. 234.639, 219.646, 234.630
Another Example
You can subtract decimals with grids.
Use hundredths grids to find $1.57 - 0.89$.

**Step 1**
Shade 1 grid and 57 squares to show 1.57.

**Step 2**
Cross out 8 columns and 9 squares of the shaded grid. The difference is the squares that are shaded but not crossed out.

$1.57 - 0.89 = 0.68$

**Guided Practice**

**Do You Understand?**
1. **MP.4 Model with Math** Explain how to use grids to find the difference between the monthly cost of using the DVD player and the dishwasher. Then find the difference.

**Do You Know How?**
For 2–7, use hundredths grids to add or subtract.

2. $1.45 + 0.37$
3. $0.89 + 0.41$
4. $4.89 - 0.94$
5. $1.45 - 0.76$
6. $0.41 - 0.37$
7. $2.28 + 0.6$

**Independent Practice**
For 8–11, add or subtract. Use hundredths grids to help.

8. $0.2 + 0.73$
9. $1.33 - 0.25$
10. $0.37 + 0.57$
11. $1.01 + 0.99$
Another Example
Manuel walks a total of 0.75 mile to and from school each day. If there have been 105 school days so far this year, about how many miles has he walked in all?

Round to the nearest whole number.
105 × 0.75
↓   ↓
105 × 1 = 105

Use compatible numbers.
105 × 0.75
↓   ↓
100 × 0.8 = 80

Both methods provide reasonable estimates of how far Manuel has walked.

Guided Practice

Do You Understand?
1. Number Sense  There are about 20 school days in a month. About how many miles does Manuel walk each month? Write an equation to show your work.

2. MP.2 Reasoning  Without multiplying, which estimate in the Another Example do you think is closer to the exact answer? Explain your reasoning.

Do You Know How?
For 3–8, estimate each product using rounding or compatible numbers.

3. 2.87 × 412
4. 943 × 1.98
5. 107 × 5.15
6. 4.06 × 73
7. 41.05 × 300
8. 8.95 × 21

Independent Practice
For 9–16, estimate each product.

9. 119 × 2.8
10. 4.7 × 69
11. 107 × 2.3
12. 35 × 3.5

13. 1.6 × 7
14. 9.1 × 53
15. 39 × 1.22
16. 4 × 7.8
Another Example

Find a common denominator for $\frac{7}{12}$ and $\frac{5}{6}$. Then rename each fraction with an equivalent fraction.

One Way

Multiply the denominators to find a common denominator: $12 \times 6 = 72$.

Write equivalent fractions with denominators of 72.

\[
\frac{7}{12} = \frac{7 \times 6}{12 \times 6} = \frac{42}{72} \quad \frac{5}{6} = \frac{5 \times 12}{6 \times 12} = \frac{60}{72}
\]

So, $\frac{42}{72}$ and $\frac{60}{72}$ is one way to name $\frac{7}{12}$ and $\frac{5}{6}$ with a common denominator.

Another Way

Think of a number that is a multiple of the other.

You know that 12 is a multiple of 6.

\[
\frac{5}{6} = \frac{5 \times 2}{6 \times 2} = \frac{10}{12}
\]

So, $\frac{7}{12}$ and $\frac{10}{12}$ is another way to name $\frac{7}{12}$ and $\frac{5}{6}$ with a common denominator.

Guided Practice

Do You Understand?

1. In the example on the previous page, how many twelfths are in each $\frac{1}{3}$ section of Tyrone’s rectangle? How many twelfths are in each $\frac{1}{4}$ section of Sally’s rectangle?

Do You Know How?

For 2–3, find a common denominator for each pair of fractions.

2. $\frac{1}{6}$ and $\frac{1}{2}$

3. $\frac{2}{3}$ and $\frac{3}{4}$

Independent Practice

For 4–11, find a common denominator for each pair of fractions. Then write equivalent fractions with the common denominator.

4. $\frac{3}{5}$ and $\frac{3}{8}$

5. $\frac{5}{8}$ and $\frac{3}{4}$

6. $\frac{1}{3}$ and $\frac{4}{5}$

7. $\frac{3}{12}$ and $\frac{9}{8}$

8. $\frac{4}{7}$ and $\frac{1}{2}$

9. $\frac{4}{5}$ and $\frac{3}{4}$

10. $\frac{2}{8}$ and $\frac{7}{20}$

11. $\frac{1}{9}$ and $\frac{2}{3}$
Another Example

Find $\frac{5}{12} + \frac{1}{4}$.

$$\frac{5}{12} + \frac{1}{4} = \frac{5}{12} + \frac{3}{12}$$

Write equivalent fractions with common denominators.

$$= \frac{5+3}{12} = \frac{8}{12} \text{ or } \frac{2}{3}$$

Find the total number of twelfths by adding the numerators.

Guided Practice

Do You Understand?

1. In the example at the top of page 888, if the park was $\frac{1}{8}$ mile from baseball practice instead of $\frac{1}{3}$ mile, how far would Alex ride his scooter in all?

2. **Vocabulary** Rico and Nita solved the same problem. Rico got $\frac{6}{8}$ for an answer, and Nita got $\frac{3}{4}$. Which answer is correct? Use the term *equivalent fraction* in your explanation.

Do You Know How?

For 3, find the sum. Use fraction strips to help.

3. $\frac{1}{2} + \frac{2}{4} = \boxed{} + \boxed{} = \boxed{}$

Independent Practice

For 4–5, find each sum. Use fraction strips to help.

4. $\frac{1}{3} + \frac{1}{4} = \boxed{} + \boxed{} = \boxed{}$

5. $\frac{1}{8} + \frac{1}{4} + \frac{1}{8} = \boxed{} + \boxed{} + \boxed{} = \boxed{}$
Guided Practice

Do You Understand?
1. **MP.2 Reasoning** In the example on page 892, is it possible to use a common denominator greater than 12 and get the correct answer? Why or why not?

2. In the example on page 892, if Linda had started with 1 yard of fabric and used \( \frac{3}{8} \) yard, how much fabric would be left?

Do You Know How?

For 3–6, find each difference.

3. \( \frac{3}{4} = \frac{9}{12} \quad \frac{1}{3} = \frac{4}{12} \)

4. \( \frac{5}{12} = \frac{10}{24} \quad \frac{1}{8} = \frac{3}{24} \)

5. \( \frac{7}{10} \quad \frac{1}{6} \)

6. \( \frac{3}{8} \quad \frac{3}{8} \)

Independent Practice

Leveled Practice For 7–16, find each difference.

7. \( \frac{3}{5} = \frac{10}{10} \quad \frac{3}{10} = \frac{10}{10} \)

8. \( \frac{1}{2} = \frac{6}{6} \quad \frac{2}{6} = \frac{6}{6} \)

9. \( \frac{8}{9} \quad \frac{5}{6} \)

10. \( \frac{5}{6} \quad \frac{1}{2} \)

11. \( \frac{7}{8} \quad \frac{2}{3} \)

12. \( \frac{4}{5} \quad \frac{3}{4} \)

13. \( \frac{7}{10} \quad \frac{1}{5} \)

14. \( \frac{12}{16} \quad \frac{2}{4} \)

15. \( \frac{4}{9} \quad \frac{2}{6} \)

16. \( \frac{5}{5} \quad \frac{2}{8} \)
Do You Understand?

1. **MP.2 Reasoning** In the example at the top of the previous page, how can finding $\frac{1}{2}$ of 7 help you find $\frac{3}{4}$ of 7?

2. If Hal spent $\frac{2}{3}$ of an hour reading each day for 7 days, how much time, in all, did he spend reading? Show how you found your answer.

Do You Know How?

For 3–5, find each product. Write the product as a mixed number.

3. $\frac{1}{3} \times 18 = \frac{}{} = \frac{}{}$

4. $\frac{5}{6} \times 35 = \frac{}{} = \frac{}{}$

5. $\frac{2}{3} \times 26 = \frac{}{} = \frac{}{}$

Independent Practice

Leveled Practice  For 6–16, find each product. Write the product as a mixed number.

6. $\frac{3}{5} \times 40 = \frac{}{} = \frac{}{}$

7. $\frac{7}{8} \times 56 = \frac{}{} = \frac{}{}$

8. $\frac{2}{3} \times 80 = \frac{}{} = \frac{}{}$

9. $\frac{2}{5}$ of 35

10. $\frac{4}{7}$ of 45

11. $\frac{1}{4}$ of 28

12. $\frac{3}{7}$ of 63

13. $\frac{1}{6}$ of 205

14. $\frac{3}{4}$ of 100

15. $\frac{4}{5}$ of 231

16. $\frac{2}{3}$ of 204
Guided Practice

Do You Understand?
1. In the example at the top of page 900, if Joyce had 4 cups of rice, how many rolls could she make?

2. In the example at the top of page 900, how does the number line help to show that $3 \div \frac{1}{4}$ is equal to $3 \times 4$?

Do You Know How?
For 3–4, use the picture below to find each quotient.

3. How many $\frac{1}{3}$s are in 2?
   $2 \div \frac{1}{3} = ____$

4. How many $\frac{1}{3}$s are in 3?
   $3 \div \frac{1}{3} = ____$

Independent Practice

Leveled Practice For 5–6, use the picture to find each quotient.

5. How many $\frac{1}{6}$s are in 2?
   $2 \div \frac{1}{6} = ____$

6. How many $\frac{1}{6}$s are in 3?
   $3 \div \frac{1}{6} = ____$

For 7–14, draw a picture or use a number line to find each quotient.

7. $2 \div \frac{1}{4}$
8. $15 \div \frac{1}{5}$
9. $5 \div \frac{1}{6}$
10. $21 \div \frac{1}{7}$

11. $16 \div \frac{1}{5}$
12. $25 \div \frac{1}{2}$
13. $3 \div \frac{1}{8}$
14. $10 \div \frac{1}{5}$
Guided Practice

Do You Understand?
1. Make a model of a rectangular prism with a bottom layer that is 4 cubes long by 3 cubes wide. Make a top layer that is the same as the bottom layer. Then draw a picture of your model. What is the volume?

2. Vocabulary Describe how to find the volume of a rectangular prism.

Do You Know How?
For 3–4, use unit cubes to make a model of each rectangular prism. Find the volume.

3. 

4. 

Independent Practice

For 5–13, find the volume of each solid. Use unit cubes to help.

5. 

6. 

7. 

8. 

9. 

10. 

11. 

12. 

13. 

Step Up | Lesson 10