


Dear Mercymount Families,


Research spanning 100 years has proven that students lose ground academically when they are out of school for the summer- a phenomenon known as “the summer slide.” Here are some facts about this achievement gap:

- When no work is done over the summer, it can take up to **2 months** from the first day of school for students’ brain development to get back on track.
- Teachers spend an average of **4-6 weeks reteaching** material that students have lost during the summer.
- Failing to read over the summer results in an academic loss equivalent of **2.6 months** of reading skills. Similar statistics apply to math as well.
- Third graders who can’t read on grade level are **4 times less likely to graduate** by age 18 when compared with proficient readers.
- A study conducted at Harvard’s Center for Evaluation found that reading **4 or 5 books** over the summer months had an impact on fall reading achievement comparable to attending summer school.
- **2-3 hours per week (20 minutes a day)** is all children need during the summer to prevent summer learning loss.

(<https://www.oxfordlearning.com/summer-learning-loss-statistics/>)

To help prevent “the summer slide” and to aid your child’s transition into the new school year, we appreciate your support with the following summer assignments.

Entering Grade...	Reading and Language Arts	Math
K	(Enter K-2) Read a book of your choice for 20 minutes for as many days as you can this summer.	Practice counting, recognizing, and writing your numbers through 20
1	Read with a parent or read by yourself. If you can’t read the words by yourself, read the pictures. Use the attached checklist to try reading in different ways.	Practice counting, recognizing, and writing your numbers through 100
2	Turn in the checklist with a parent signature during the first week of school and be ready to tell your teacher about an interesting reading experience you had over the summer.	
3	Grades 3-5 will be voting for this year’s Rhode Island Children’s Book Award. To qualify to vote, you must read at least 3 titles from the attached list. (QR Code also below)	
4	All students should be prepared to complete an assessment (test or project) of the teacher’s choosing during the first weeks of school.	(Entering 2-8) Complete the attached math packet and turn in during the first week of school.
5		All students should be prepared to complete a math assessment (test or project) during the first weeks of school that covers the same topics addressed in the packet.
6	Grades 6-8 will be reading from this year’s Rhode	(Entering 2-8) Complete the attached math packet and turn in

	<p>Island Middle School Book Award nominees. (QR Code below.) For the text chosen from this list, complete a project from the attached choices. For the second assigned text, no project must be completed over the summer, but students should be prepared for class discussion and an assessment during the first weeks of school.</p>	<p>attached list and complete a project from the attached choices. ~and~ <i>New Kid</i> by Jerry Craft.</p>	<p>during the first week of school. All students should be prepared to complete a math assessment (test or project) during the first weeks of school that covers the same topics addressed in the packet.</p>
7	 <p>Complete the attached grammar packet and turn in during the first week of school.</p>	<p>(Entering 7) Read 1 book from the attached list and complete a project from the attached choices. ~and~ <i>The Life of Frederick Douglass: A Graphic Narrative of a Slave's Journey from Bondage to Freedom</i> by David F. Walker</p>	
8		<p>(Entering 8) Read 1 book from the attached list and complete a project from the attached choices. ~and~ <i>Of Mice and Men</i> by John Steinbeck</p>	



2022 RHODE ISLAND CHILDREN'S BOOK AWARD NOMINATIONS

Anti/Hero by Kate Karyus Quinn and Demitria Lunetta Grades 4+
Piper Pájaro is thirteen years old and strong, as in board-breaking strong. Match her up with thirteen-year-old smart, as in wicked supercomputer smart, Sloane MacBrute and see what happens as they team up to steal a technological device. Graphic Novel.

Clean Getaway by Nic Stone Grades 4+
How could Scoobs say no to Grandma's RV adventure when he's grounded for Spring Break? Right? Wrong. He quickly finds out that he might have made the wrong decision when his G'ma doesn't answer his Dad's email, avoids answering his questions, and keeps changing the license plate. Realistic Fiction.

Fauja Singh Keeps Going: The True Story of the Oldest Person to Ever Run a Marathon by Simran Jeet Singh Grades 3+
Meet 100-year-old Sikh, marathon runner Fauja Singh. With determination and persistence he overcomes obstacles to achieve his goals. Biography.

Feed Your Mind: A Story of August Wilson by Jen Bryant Grades 3+
August Wilson grew up to be a two-time Pulitzer Prize-winning playwright who gave voice to everyday Black Americans. But as a child in school he faced prejudice from students and teachers. Luckily his first trip to the library with his mother opened his world to books and reading. Biography.

From the Desk of Zoe Washington by Janae Marks Grades 3+
Zoe Washington is psyched to start her internship at the local pastry shop. Psyched until she gets a birthday card from her real dad, who's in prison. Torn between wanting a relationship with her Dad and maintaining her current family life, Zoe finds herself on the road of self-discovery. Realistic Fiction.

I Am Every Good Thing by Derrick Barnes Grades 3+
A beautifully illustrated and empowering picture book in which a Black boy takes us on a journey of self-discovery and obstacles while encouraging every kid to celebrate what makes them unique. Picture Book.

The List of Things That Will Not Change by Rebecca Stead Grades 4+
Bea keeps a notebook of the things that will not change after her parents' divorce, including the most important thing: that mom and dad will always love her. With her father's wedding to Jesse coming up, Bea is excited to get a new sister. Realistic Fiction.

The Lonely Heart of Maybelle Lane by Kate O'Shaughnessy Grades 3+
Eleven-year-old Maybelle is on her way to Nashville with the hopes of performing in a singing competition to meet her father, a DJ who will be judging the competition. Realistic Fiction.

Measuring Up by Lily LaMotte Grades 3+
When Cici moves from Taiwan to the US, she misses her grandmother terribly. In order to get her grandmother A-Ma to visit, she enters a junior chef competition to raise money for a plane ticket. There is only one problem: Cici only knows how to cook Taiwanese food. Graphic Novel.

Midnight at the Barclay Hotel by Fleur T. Bradley Grades 3+
When ghost-loving JJ convinces his mother to accept her invitation to a weekend at the all-inclusive Barclay Hotel, he hopes to see a real ghost. Instead he finds himself in the middle of a real murder mystery! Mystery.

The Oldest Student: How Mary Walker Learned to Read by Rita Lorraine Hubbard Grades 3+
A picture book biography about the inspiring life of Mary Walker who learned to read at the age of 116. Mary faced many hardships in her long life but she never gave up on her dream of learning how to read. Nonfiction Picture Book.

On These Magic Shores by Yamile Saied Mendez Grades 4+
Minerva is trying out for her middle school's production of *Peter Pan* when her mother goes missing. Minerva must find out what has happened to her mother, and she is now responsible for taking care of her two younger sisters. But it seems like a little bit of magic is helping Minerva along the way! Fantasy.

Packs: Strength in Numbers by Hannah Salyer Grades 3+
Did you know an animal might live in a pod, an army, or a pack? This picture book shows how animal groupings not only have different names, but they also serve to help the animals work together as a team to take care of each other and survive. Nonfiction Picture Book.

A Place Inside of Me: A Poem to Heal the Heart by Zetta Elliott Grades 3+
A poem expressing a child's emotions as he deals with a tragedy in his neighborhood. The young boy experiences many different feelings throughout the year, including joy and hope in himself and his community. Poetry Picture Book.

Saucy by Cynthia Kadohata Grades 3+
Becca has three brothers who all have something they excel at, but Becca is still searching for something she is good at when she finds a sick piglet. Becca knows she is meant to take care of Saucy. But as Saucy becomes bigger, it looks like Becca might not get to keep the pig forever. Realistic Fiction.

Shirley & Jamila Save Their Summer by Gillian Goerz Grades 3+
When ten-year-olds Shirley and Jamila meet, Jamila is simply hoping for a friend in her new neighborhood, but Shirley is a detective and together they seek a missing gecko. Graphic Novel.

Some Places More Than Others by Renee Watson Grades 4+
Amara visits her father's family in Harlem for her twelfth birthday, hoping to better understand her family and herself, but New York City is not what she expected. Realistic Fiction

Stand Up, Yumi Chung by Jessica Kim Grades 4+
When eleven-year-old Yumi Chung stumbles into a kids' comedy camp she is mistaken for another student, so she decides to play the part. Fiction.

Were I Not A Girl by Lisa Robinson Grades 3+
A picture book biography that tells the story of Dr. James Barry, born female, who lived as a man from age 18 to his death. Biography

Willa and the Whale by Chad Morris Grades 4+
Twelve-year-old Willa, grieving the loss of her mother, a renowned marine biologist, discovers she can talk to whales. Fiction.

Rhode Island Children's Book Award
<http://www.olis.state.ri.us/youth/ricba/>



Name _____

Mercymount Country Day School

Summer Math Packet

Summer 2021

Grade 4

Directions: Please complete and turn in to your teacher on the first day of school.

Write the number in expanded form.

350,598 _____

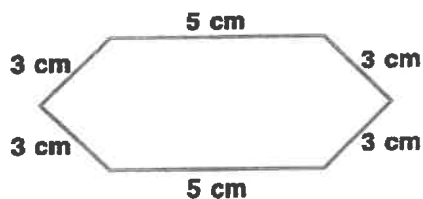
Find the product.

$$\begin{array}{r} \$2257 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1024 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2163 \\ \times \quad 3 \\ \hline \end{array}$$

Find the perimeter.



Write as a fraction.

five ninths _____

Compare. Write <, =, or >.
Use fraction strips to help.

$$\frac{3}{8} \bigcirc \frac{1}{2}$$

Order from greatest to least.
Use fraction strips to help.

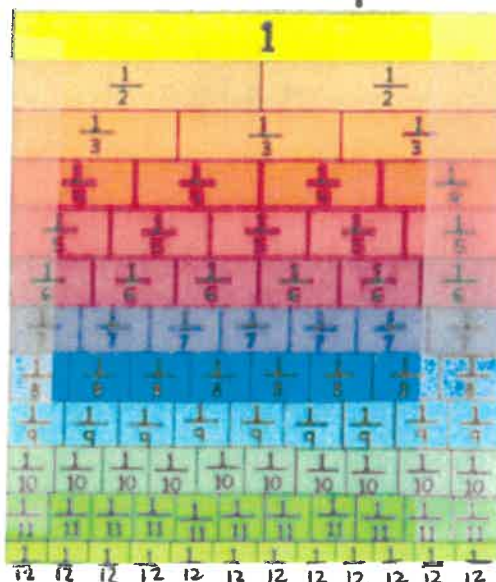
$$\frac{5}{8}, \frac{5}{10}, \frac{3}{4} \quad \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$$

Divide and check.

$$6 \overline{)50} \quad \underline{\hspace{2cm}}$$

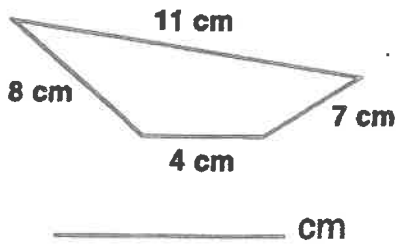
$$3 \overline{)88} \quad \underline{\hspace{2cm}}$$

Fraction Strips



$$\begin{array}{r} \$6.75 \\ \times \quad 4 \\ \hline \end{array}$$

Find the perimeter.



Write the word name.

$\frac{6}{7}$ _____

Solve. Show your work.

Vans take 60 students to a science fair.
Each van holds 8 students. How many
vans are there?

_____ vans

There are $\frac{1}{3}$ of a dozen eggs left in the
egg carton. Draw a picture to find how
many eggs are left.

_____ eggs

The pet shop uses 9 bags of pet food
every 3 days. Make a table to find
how many bags they use in 54 days.

_____ bags

What is the value of the digit 6 in each number?

61,234 _____

98,765 _____

Write the number in expanded form.

9739 _____

Add, subtract, multiply, or divide.

$8497 - 5631 =$ _____

$1111 + 9999 =$ _____

$4 \times 112 =$ _____

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.72 \\ \times 6 \\ \hline \end{array}$$

$\$7.08 + \2.61

$$\begin{array}{r} \$2553 \\ \times 3 \\ \hline \end{array}$$

$6 \overline{)522}$

$4 \overline{)24}$

$3 \times 271 =$

Solve. Show your work.

Seven fishermen catch 245 fish in all. They share the fish equally. What is the greatest number of fish each fisherman gets? Are any fish left over?

$\frac{4}{10} + \frac{2}{10} =$ _____

$\frac{6}{8} - \frac{4}{8} =$ _____

Divide and check.

$$5 \overline{)60}$$

$$3 \overline{)51}$$

Use a basic fact and patterns to find each product or quotient.

$2 \times 7 = \underline{\quad}$

$5 \div 5 = \underline{\quad}$

$2 \times 70 = \underline{\quad}$

$50 \div 5 = \underline{\quad}$

$2 \times 700 = \underline{\quad}$

$500 \div 5 = \underline{\quad}$

Rename each unit of measure.

$5 \text{ yd} = \underline{\quad} \text{ ft}$

$6 \text{ wk} = \underline{\quad} \text{ day}$

