Can you finish the math road trip by completing each of the following math activities? Activities do not need to be completed in order. Answers can be placed in the box or another piece of paper. Some activities do not require you to write down your answer. When the activity has been completed, a family member can place his/her initials at the bottom of the box.

<table>
<thead>
<tr>
<th>Make a set of flashcards of the multiplication facts with a family member. Practice your facts with a friend or family member. Don’t forget to PRACTICE YOUR FACTS all summer long. (addition and subtraction, too)</th>
<th>Write a story problem for each one of the operations (+,-, *, ÷). Then solve each problem. Share these with a family member.</th>
<th>If you dance 3/7 of the days in each week, how many days would you dance in 19 weeks? If Jackie has 567 stamps in her collection, Carrie has 962 stamps in her collection. How many more stamps does Carrie have than Jackie? If your family of four ordered a large pizza that was cut into 12 slices, and each of you ate the same amount of pizza, what fraction of the pizza would you eat?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Make a list of the ages of all the people that live in your house. Find the mean, median, mode and range of the ages.</td>
<td>Draw pictures to represent each of the following fractions; then explain them to a family member. ½ ¼ ¾ 1</td>
<td>If you played outside for 8 hours each day, how many hours did you play outside during the entire week? How many minutes is that? Flip a coin 25 times. Make a tally chart of how many times it lands on heads or tails. Write fractions for your head and tail data. Try it again. Share your chart and results with a family member. What time is it right now? What time was it 6 hours and 24 minutes ago?</td>
</tr>
<tr>
<td>A farmer has chickens and cows. What combinations of animals could total 24 legs? Can you show more than one combination? Share your solutions and strategy with a family member.</td>
<td>Make the largest and smallest numbers your can using the digits 4,1,7,8, and 2. Find their sums and differences. Share with a family member.</td>
<td>Free Space – Enjoy the Day</td>
</tr>
<tr>
<td>A friend calls and invites you to a movie. The paper says the movie is 2 hours and 13 minutes long. It ends at 3:25. What time does it start?</td>
<td>Go on a 3-D scavenger hunt. How many cylinders, pyramids, cubes, rectangular prisms and cones can you find today?</td>
<td>Look around your house. Where do you see the following lines: Intersecting, Horizontal, Vertical, Parallel, and Perpendicular. Explain the definitions and your examples to a family member.</td>
</tr>
<tr>
<td>Would you use kilometers, meters, or centimeters to measure the following? (Cm. m. km.) Distance to school Length of a crayon Length of a paper clip Distance around a room</td>
<td>How old will you be on December 7, 2042? (years and months)</td>
<td>Vowels are worth $25 and consonants are worth $50. Can you make a word worth $300? $700? $300= $700=</td>
</tr>
<tr>
<td>You Did It!</td>
<td>Play a strategy game such as Checkers, Chess, Dominoes or Battleship with a friend or family member. Explain your strategy or game plan.</td>
<td></td>
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</tbody>
</table>
Saint Joseph School

Summer Book Bingo: Students entering Grade 5

Get as many Bingo’s as you can! Have a parent initial each box as you complete it.

<table>
<thead>
<tr>
<th>Read a book about pioneer life.</th>
<th>Read a book about an animal.</th>
<th>Read at the beach or outside.</th>
<th>Read a book about a fifth grader.</th>
<th>Read a book about nature or the environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>![cartoon wagon]</td>
<td>![cat]</td>
<td>![shell]</td>
<td>![number 5]</td>
<td>![flower]</td>
</tr>
<tr>
<td>Read a fable or a tall tale.</td>
<td>Read to an adult.</td>
<td>Visit the Public Library.</td>
<td>Read to someone younger than you.</td>
<td>Interview an adult about World War II.</td>
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<tr>
<td>![fable]</td>
<td></td>
<td>![library]</td>
<td></td>
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<tr>
<td>Read a fantasy or adventure book.</td>
<td>Read a newspaper article or a magazine article.</td>
<td>Read a book of poetry.</td>
<td>Read a book recommended by someone in your family.</td>
<td>Read a book about colonial life.</td>
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<tr>
<td>![fantasy book]</td>
<td>![newspaper article]</td>
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<tr>
<td>Read a great picture book.</td>
<td>Read a book about the planets or the universe.</td>
<td>Read a book that was made into a movie.</td>
<td>Read a realistic fiction story.</td>
<td>Read a book about the American Revolution.</td>
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<tr>
<td>![picture book]</td>
<td></td>
<td>![movie clapper]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
During the summer, we will be collecting postcards from students and staff. This is a fun, optional project. **Send us a postcard from any of your summer travels.** We will display the postcards for all to read and share.

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**Postcard Project**

**Resources**

**Websites:**

- **National Geographic Kids:** offers great nature videos, activities, games, stories, and more
- **Discovery Kids:** video, games and activities to explore dinosaurs, sharks, space, pets, history and more.
- **Young Explorers:** Museum Run, The Great Dig, Time Explorer and more online games from the British Museum.
- **Explore Dinosaurs:** FAQs and top 10 myths about dinosaurs, a virtual dig, behind the scenes tours, and more from the National Museum of Natural History
- **NASA Quest:** interactive explorations that engage students in real science and engineering. Topics include robots, helicopters, lunar exploration, and designing your own human-friendly planet
- **Time for Kids:** fun games (The Great State Race), an online weekly magazine written for kids, and news from around the world


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**Summer 2014 Grade 5**

**St. Joseph School**

Faith and Family First

- **SUMMER READING**
- **SUMMER MATH**
- **POSTCARD PROJECT**

Phone: 781-767-1544
Web site: [www.stjosephholbrook.com](http://www.stjosephholbrook.com)
**Summer Reading**

1. **Required Text**

   All students entering grade 5 are required to read:

   Wonder by RJ Palacio

   After reading Wonder, complete the Making Connections Worksheet.

   Check out the NPR interview with the author!
   [http://www.npr.org/player/v2/mediaPlayer.html?action=1&t=1&islist=false&id=221005752&m=221844123](http://www.npr.org/player/v2/mediaPlayer.html?action=1&t=1&islist=false&id=221005752&m=221844123)

**Summer Math**

2. **Choice Reading**

   In addition to this required title, students are required to select **three** or more titles based upon their DRA Level.

   You can find a list of these Books on various websites such as: [http://teacher.scholastic.com/products/classroombooks/browse_level.asp](http://teacher.scholastic.com/products/classroombooks/browse_level.asp)

   Students will record summer reading using the “**Summer Reading Log**” form.

3. **Book Bingo**

   Check out the book bingo. See how many “bingos” you can earn!

**Visit your local library for free books and activities!!**

In September your teacher will collect the following:

- Making Connections Worksheet for Wonder
- Reading log
- Summer Math Road Trip
- Summer Book Bingo

**Attachments:** Summer math road trip, Book Bingo, Reading Log, Making Connections Worksheet
<table>
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<tr>
<th>Date</th>
<th>Title</th>
<th>S</th>
<th>H</th>
<th>M</th>
<th>Parents Initials</th>
<th>How many stars does this book get?</th>
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S- Someone else read this book to me.
H- I read it to someone with HELP
M- I read it to someone all by MYSELF.
Grades 4 & 5

Fiction

The Watsons Go to Birmingham, 1963
by Christopher Paul Curtis
Kenny and his "weird" family take a trip to the Deep South to visit Grandma.

Phineas L. MacGuire...Erupts!
by Frances O’Roark Dowell
Goals: #1 win science fair, #2 get class to like un-best friend.

Chickadee
by Louise Erdrich
A family sets out to rescue an Ojibwe boy who was kidnapped by two bullying oafs.

Zita the Spacegirl (graphic novel)
by Ben Hatke
Don’t push that button! Zita and her ragtag crew of aliens attempt to rescue her best friend.

Same Sun Here
by Silas House & Neela Vaswani
An Indian immigrant girl in NYC and a Kentucky coal miner’s son strike up a friendship across many miles.

Icefall
by Matthew J. Kirby
Stuck in a distant mountain fortress, Solveig must discover the traitor who is killing off the king’s guards.

Inside Out and Back Again
by Thanhha Lai
Told in verse, a Vietnamese family shapes a new life in 1975 Alabama.

Every Soul a Star
by Wendy Mass
A total solar eclipse changes the lives of three very different young teens.

Benjamin Frankinstein Lives!
by Matthew McElligott & Larry Tuxbury
Good old Ben comes back to life in this electrifying story.

Star in the Forest
by Laura Resau
When Zitlally’s father is kidnapped in Mexico, she believes a stray dog might be his spirit animal.

King of the Mound: My Summer with Satchel Paige
by Wes Tooke
Historical fiction and sports combine in this pitch-perfect novel.

Three Times Lucky
by Sheila Turnage
Mo LoBeau sets out to solve a murder mystery and discover her own forgotten past.

Warp Speed
by Lisa Yee
Star Trek geek discovers a bully’s brutal secret.

Nonfiction

Let It Shine: Stories of Black Women Freedom Fighters
by Andrea Davis Pinkney; Stephen Alcorn (Illus.)
From Sojourner Truth to Shirley Chisholm, meet 10 courageous women warriors who changed a nation.

Electricity and Magnets
by Sarah Angliss
You, too, can be a mad scientist!

100 Most Feared Creatures
by Anna Claybourne
Deadly facts and terrifying beasts, meet the scariest members of the animal kingdom.

Lemonade and Other Poems Squeezed From a Single Word
by Bob Raczka; Nancy Doniger (Illus.)
A clever literary technique yields even cleverer little poems.

Lives of the Pirates: Swashbucklers, Scoundrels (Neighbors Beware!)
by Kathleen Krull; Kathryn Hewitt (Illus.)
Meet the 19 most notorious swashbucklers in history.

Series

The Red Blazer Girls by Michael D. Beil
NERDS: National Espionage, Rescue, and Defense Society by Michael Buckley
The Books of Ember by Jeanne DuPrau
Shadow Children by Margaret Peterson Haddix
Cupcake Diaries by Coco Simon