Summer Math Road Trip – Entering Grade 5

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.

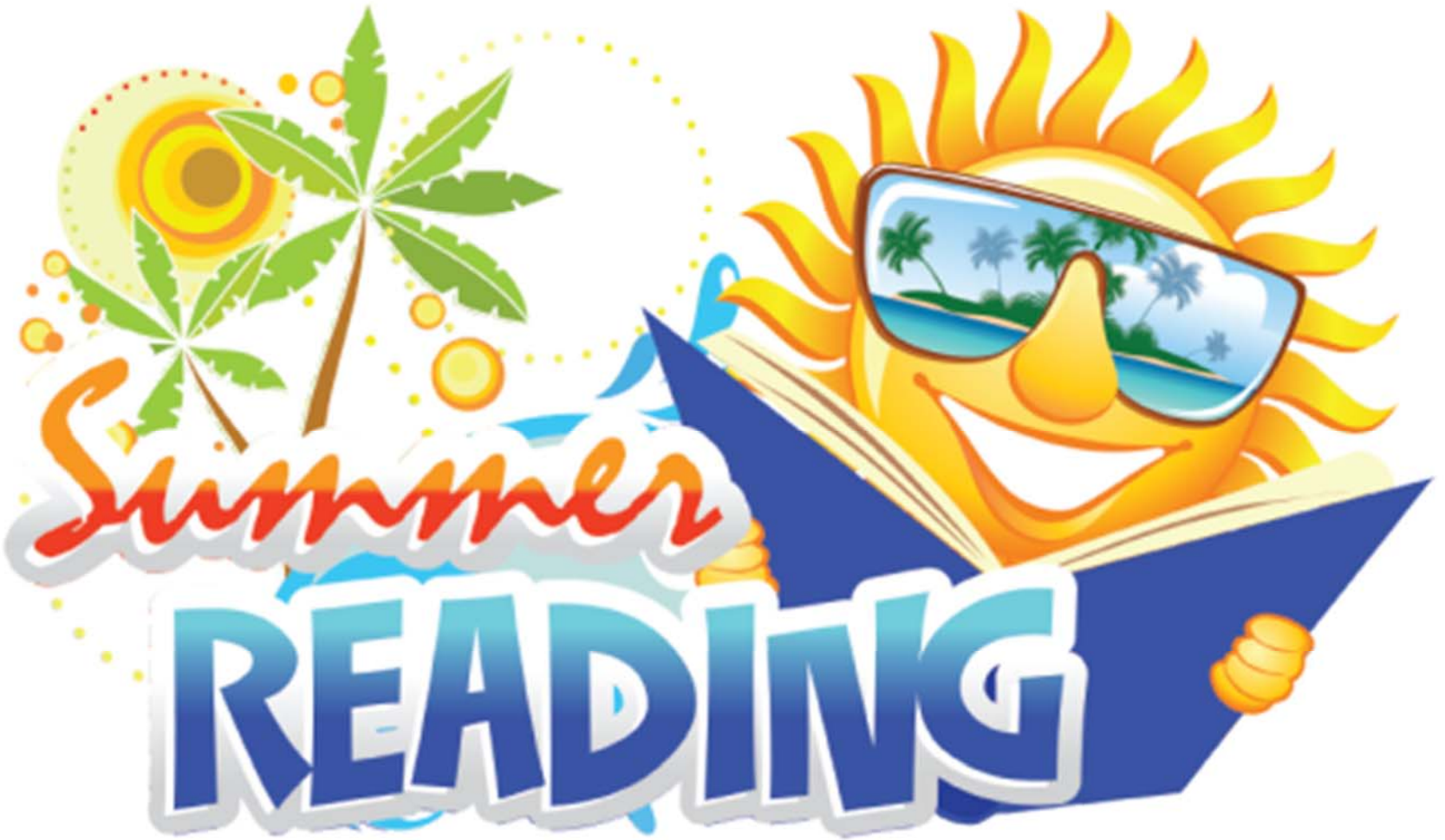
Make a set of flashcards of the multiplication facts with a family member. Practice your facts with a friend or family member. Don't forget to PRACTCE YOUR FACTS all summer long. (addition and subtraction, too) _____	Write a story problem for each one of the operations (+, -, *, ÷). Then solve each problem. Share these with a family member. _____	If you dance 3/7 of the days in each week, how many days would you dance in 19 weeks? _____	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? _____
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. _____	Draw pictures to represent each of the following fractions; then explain them to a family member. ½ ¼ ¾ 1 _____	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? _____
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. _____	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. _____	Write the mixed numeral for each improper faction below. 21/5 = 35/6 = 29/8 = _____	**Free Space – Enjoy the Day** 	Using a ruler or yardstick, measure the perimeter of your front door. Don't forget to include the unit. (Adult help needed.) _____
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? _____	***Take A Break!*** 	Go on a 3-D scavenger hunt. How many cylinders, pyramids, cubes, rectangular prisms and cones can you find today? _____	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. _____	Look in magazines and newspapers to locate examples of circle, bar, and line graphs. Explain to a family member the data and what it represents. _____
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 _____	How old will you be on December 7, 2042? (years and months) _____	Vowels are worth $25 and consonants are worth $50. Can you make a word worth $300? $700? $300= $700= _____	Play a strategy game such as Checkers,Chess, Dominoes or Battleship with a friend or family member. Explain your strategy or game plan. _____	**You Did It!** 

Family Fun! Summer Math Activities Grades 1-6

Math is all around us! The list below shows some fun ways you and your child can practice math over the summer!

- Look for shapes on billboards and signs.
- Use a bag of Skittles, M&Ms or Reese's candy and sort by colors. Graph the results of the colors. Which color has the most? The least? Are there any colors that have the same amount?
- Count forward to 100 – by ones, fives, tens while skipping, jumping, jumping rope, snapping, etc.
- Make your own flashcards to practice adding and subtracting. Draw pictures to model the addition/subtraction fact.
- Help with the family budget or balancing the checkbook
- Cook from a recipe paying attention to measurements; rewrite a recipe to serve twice as many people, half as many, two thirds as many, etc…
- Build anything – focusing on the measurements and the shapes being used
- Research how math is used in different careers
- Research a famous mathematician
- Plan a road trip – find the route to get there, distances, amount of gas needed, cost of gas, average speed, time it will take to get there, etc…
- Conduct surveys (favorite ice cream flavor, best movie, beach or pool, etc) and create graphs for your results
- Measure your height in different units at the beginning and end of summer and graph the results
- Multiplication/Division flashcard practice
- Find the measurements of objects using different units of measure
- Read a book that involves a math concept
- Write a story or cartoon that would help explain a math topic
- Track the temperature by graph through the summer
- Record how long it takes for different people to do something – find mean, median, mode, range and graph the data in different ways
- Play a board game – most games involve logic and/or math skills – examples: Monopoly, Clue, Checkers, Chess, Blokus, Cribbage, Mastermind, various card games, Dominoes, Yahtzee, Battleship, Life, the list goes on and on…
- Sudoku puzzles/Logic puzzles/Brainteasers
- Play a video game that involves logic/math: Brain Age, Big Brain Academy, Brain Challenge, Tetris, Personal Trainer: Math, Math Play, Learn Math, Math Blaster, just to name a few
- View some math videos online and then create your own
- Design a game that would include math – be sure to list in your log what math topics were covered in your game and a brief description of how to play
- Create a "back to school supply list" with costs per item and total costs

Name: Entering Grade:



Reading and Math Fun for the Summer

Ocean Township School District

Frederic Priff Elementary School

Summer Reading Log

Student Name: _____ Entering Grade: _____

My summer reading goal is _____ books!

Title AND Author	Date Begun	Date Finished
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Total # of Books Read (minimum of 3-4) _____

My child has read these books this summer. Parent/Guardian Signature: _____

Turn this reading log in to your teacher in September.
There is no limit to the amount of books you can read! Attach additional sheets if necessary.

Check out the Waretown's Public Library's Summer Reading Programs
http://theoceancountylibrary.org/Kids/default.htm
http://theoceancountylibrary.org/Branches/WA/wa.htm