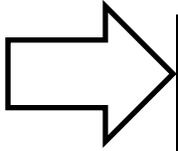
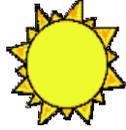


Summer Math Road Trip – Entering Grade 4



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 on 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.



<p>What time is it right now? _____</p> <p>What time was it 2 hours and 20 minutes ago? _____</p>	<p>The population of Wethersfield is 26,096. What is the value of the digit in the thousands place? Ten thousand place? Ones place? _____</p>	<p>Continue the pattern. 24, 28, 32, _____, 40, _____, _____, 52. Explain the rule that helped you figure out the pattern. _____</p>	<p>At the ballpark, the first ticket sold on Tuesday was ticket number 421. The last ticket sold on Tuesday was 488. How many tickets were sold on Tuesday? _____</p>	<p>Write down some good strategies for figuring out or remembering multiplication and division facts. Explain them to a family member. BE SURE TO PRACTICE FACTS ALL SUMMER LONG! _____</p>												
<p>Record the high temperature for today. What is the difference between today's temperature and the temperature of 32° on February 28th? _____</p>	<p>Draw an array of dots that shows 2×4. Now circle (make a ring around) $\frac{3}{4}$ of the dots. _____</p>	<p>Draw a design that has symmetry. _____</p>	<p>Make a list of the ages of all the people that live in your house. Find the sum of all the ages. Now find the mean, median and range of the ages. _____</p>	<p>Explain to a family member the role numbers play in your favorite sport or hobby. (How are numbers used?) _____</p>												
<p>Write a summer word problem using this number model: $5 \times 30 =$ _____</p>	<p>I earned \$14.25 selling lemonade on Saturday. On Sunday I earned \$9.90. About how much money did I earn to the nearest dollar? _____</p>	<p>Use the flyers from the Sunday paper. Imagine that you have \$10.00 to spend. Choose 3 items to buy. Find out how much change you get back. _____</p>	<p>Free Space – Enjoy the Day</p> 	<p>Complete the What's My Rule box.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>IN</th> <th>OUT</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>8</td> </tr> <tr> <td>6</td> <td></td> </tr> <tr> <td>9</td> <td>18</td> </tr> <tr> <td></td> <td>14</td> </tr> <tr> <td>20</td> <td></td> </tr> </tbody> </table> <p>_____</p>	IN	OUT	4	8	6		9	18		14	20	
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	14															
20																
<p>Take a handful of cereal, popcorn, or pasta. Estimate and record the number of items you think you have in your hand. Count and record your actual amount. _____</p>	<p>Take A Break!</p> 	<p>There is a frog at the bottom of a 20 foot well. Each day he jumps up 3 feet and each night he slides back 2 feet. How many days go by before the frog gets out? _____</p>	<p>If you flip a penny 50 times, how many times do you predict it will come up heads? Flip the penny 50 times (record heads or tails). Was your prediction correct? _____</p>	<p>I have 6 fish tanks. Each tank has the same amount of fish. After selling one tank of fish this morning, I have 40 fish in the remaining tanks. How many fish did I have before the sale? _____</p>												
<p>Look in magazines and newspapers to locate examples of circle, bar, and line graphs. Explain to a family member what the data is showing. _____</p>	<p>Using a ruler, tape measure or yardstick, carefully measure the perimeter of your television screen. Draw a diagram with the measurements of the sides. _____</p>	<p>Which is larger, $\frac{2}{3}$ or $\frac{3}{4}$? How do you know? Prove it. Explain your thinking to a family member. _____</p>	<p>There are five people at a McDonald's restaurant. At the end of the evening they all shake hands with each other and say goodbye. How many handshakes were there? Draw a picture or a chart to show your answer. _____</p>	<p>You Did It!</p> 												



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>