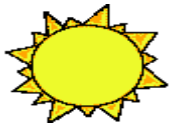
Summer Math Road Trip – Entering Grade 5

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 membercan 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!**