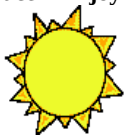
Summer Math Road Trip – Entering Grade 4

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.

What time is it right now? What time was it 2 hours and 20 minutes ago? _____	The population of Wethersfield is 26,096. What is the value of the digit in the thousands place? Ten thousand place? Ones place? _____	Continue the pattern. 24, 28, 32, _____, 40, _____, _____, 52. Explain the rule that helped you figure out the pattern. _____	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? _____	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! _____
Record the high temperature for today. What is the difference between today's temperature and the temperature of 32˚ on February 28th? _____	Draw an array of dots that shows 2 x 4. Now circle (make a ring around) ⅜ of the dots. _____	Draw a design that has symmetry. _____	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. _____	Explain to a family member the role numbers play in your favorite sport or hobby. (How are numbers used?) _____
Write a summer word problem using this number model: 5 x 30 = _____	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? _____	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. _____	**Free Space – Enjoy the Day** 	Complete the What's My Rule box. IN / OUT 4 / 8 6 / _____ 9 / 18 _____ / 14 20 / _____ _____
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. _____	***Take A Break!*** 	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? _____	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? _____	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? _____
Look in magazines and newspapers to locate examples of circle, bar, and line graphs. Explain to a family member what the data is showing. _____	Using a ruler, tape measure or yardstick, carefully measure the perimeter of your television screen. Draw a diagram with the measurements of the sides. _____	Which is larger, 2/3 or ¾? How do you know? Prove it. Explain your thinking to a family member. _____	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. _____	**You Did It!**