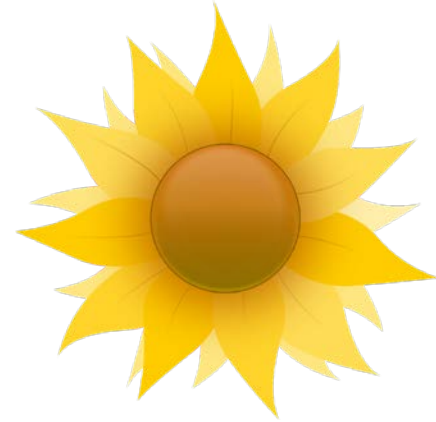


**South Windsor Public Schools**  
**Summer Math Activities**  
**For Students Entering Grade 4**

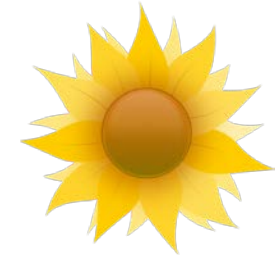


In this packet you will find a calendar of fun math activities for July and August. This calendar is meant to provide you with ideas to help you and your child continue thinking about math. These activities are optional. You may choose to do as many of these activities as you would like each day, and you may do them in any order. Don't forget to have your child practice their multiplication facts using fun games and activities. The key is to enjoy math! We can't wait to see you in the fall!

Don't forget to keep enjoying [DreamBox](#) this summer!

# 4TH GRADE SUMMER MATH

# JULY



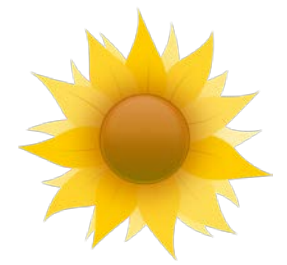
**NAME:**

Check off the boxes you have completed. You are always welcome to keep using [DreamBox](#) and [IXL](#)!

Play <a href="#">DreamBox</a> for at least 20 minutes. How many tokens did you earn?	Choose a recipe that you can make with a parent. Measure all of the ingredients using measuring cups and measuring spoons.	Draw clocks to show the following times: The time you woke up this morning. The time you ate lunch today. The time you go to bed.	Using the clocks you made in the previous box, figure out how much time elapsed between each event.	List 4 different objects in your house that each weigh about 5 pounds.
Draw an array for $6 \times 8$ . Write the division facts that are part of this fact family. Write a word problem for this fact.	Play <a href="#">DreamBox</a> for at least 20 minutes. How many tokens did you earn?	Measure three things that are $2\frac{1}{2}$ inches long. Record them with a line segment that is the same length.	Show 12 pennies divided so that 4 are in each group. Is there any other way to divide them equally into groups? Record all the ways you can find.	The difference between two 2-digit numbers is 12. What could the two 2-digit numbers be? Can you find another pair of numbers that would also give the correct answer?
There are 24 hours in a day and 60 minutes in an hour. How many minutes are in a day?	Draw a hexagon, pentagon, and square. Do you notice a pattern? What is the next shape?	Today's number is 48. Show 48 in at least three different ways.	Write a word problem for $54 \div 9$ . Solve the problem and show your work.	Plan a meal for yourself on a takeout menu. Record what you would eat, the price of each item, and the total cost.
Play a board game or a card game with family or friends.	Write a word problem for $9 \times 7$ . What is the correct answer? Solve the problem and show your work in two different ways.	On which day of the month were you born? Is your birthday a multiple of 2? 3? 4? 5? 12?	Play <a href="#">DreamBox</a> for at least 20 minutes. How many tokens did you earn?	Write a word problem for $35 \div 7$ . Solve the problem and show your work.

# 4TH GRADE SUMMER MATH

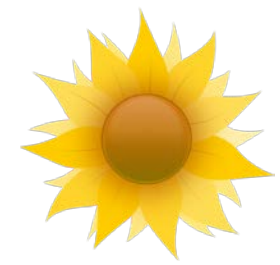
# AUGUST



**NAME:**

Check off the boxes you have completed. You are always welcome to keep using [DreamBox](#) and [IXL](#)!

If you bought candy at the store for \$1.35, how much change would you get back from \$5.00?	Write a word problem for $456 + 674$ . Solve the problem and show your work.	List at least 5 different combinations of coins that would add to 25 cents. Can you list the combinations? How do you know?	Play <a href="#">DreamBox</a> for at least 20 minutes. How many tokens did you earn?	Make a list of places that you think are about 1 mile from your house. Make a list of places you think are 10 miles away. Ask an adult if you are correct.
Find a grocery store receipt. Round the total to the nearest dollar.	Select a number between 100 and 200. What is the amount you would have to subtract to get to an answer of 36?	Ask an adult when they recently used estimation.	Grab a handful of coins and record how many of each coin you have. Find the total value.	Draw an array for $6 \times 7$ . Write the fact family for this fact.
Today's number is 120. Show this number in at least 3 different ways.	Play <a href="#">DreamBox</a> for at least 20 minutes. How many tokens did you earn?	If you have a \$5 bill and buy an ice-cream for \$4.15, how much change will you get? Find at least two coin combinations that will give you the correct change.	Record the time the sun will set this evening. What time was it 2 hours and 3 minutes earlier?	Jump forward as far as you can and record your jump in both inches and centimeters.
The sum of two 2-digit numbers is 87. What could the two 2-digit numbers be? Can you find another pair of 2-digit numbers that would also give you the correct answer?	If you doubled your age how old would you be? If you tripled your age? Compare these numbers to an adult in your houses, age doubling or tripling their age. What do you notice?	Draw two clocks to show what time you will leave your house and return to your house once school begins.	What was yesterday's high and low temperature? What is the difference?	Play <a href="#">DreamBox</a> for at least 20 minutes. How many tokens did you earn?



## GRADE 4 MATH IDEAS

### COOL MATH BOOKS TO READ:

The Greedy Triangle by Marilyn Burns

Measuring Penny by Loreen Leedy

Math for All Seasons by Tomie dePaola

A Million Fish, More or Less by Patricia McKissack

The Grapes of Math by Greg Tang

The Best of Times by Greg Tang

Amanda Bean's Amazing Dream by Marilyn Burns

What Comes is 2s, 3s and 4s? by Suzanne Aker

Fraction Fun by David Adler

How Much is a Million? by David Schwartz

Math for All Seasons by Greg Tang

Grandfather Tang's Story: A Tale Told with Tangrams by Ann Tompert



### GREAT WEBSITES TO USE:

[DreamBox](#)

[Multiplication by Heart \(math fact practice\)](#)

[Greg Tang Math](#)

[Math Playground](#)

[ABCya](#)

[Fun Brain Math Zone](#)

### GREAT APPS TO USE

Slice Fractions

ABCya Math Bingo

Math Ninja

Deep Sea Duel