

# MATH

GRADE 4-6



CATHOLIC DISTRICT SCHOOL  
BOARD OF EASTERN ONTARIO

## LEARN AT HOME



### DAY 1

#### WHAT'S THE POPULATION?

Find out the population of the city or town that you live in. Break this number into ones, tens, hundreds, thousands, ten thousands and hundred thousands if applicable. Is this population bigger or smaller than Ottawa (994 837)? Kingston (136 685)? How do you know?

#### WHAT'S YOUR PATTERN?

Using building blocks, create a pattern that grows, shrinks or repeats. Challenge your family to determine how the pattern is changing or repeating. Can they extend your pattern?

### DAY 2

#### WORKING WITH RECIPES

Find a recipe that asks for  $\frac{2}{3}$  of a cup,  $\frac{3}{4}$  of a cup,  $\frac{1}{2}$  of a cup and use the measuring cups, compare which is greater. Using teaspoons, compare how many teaspoons and/or tablespoons can be used to create  $\frac{1}{8}$  of a cup

#### MAKE YOUR OWN RULES!

Create your own pattern rule

1. start at \_\_
2. (add/subtract/multiply) by \_\_ every time.

Use small items such as buttons, toothpicks and pebbles to show how the pattern is changing.

### DAY 3

#### IF I HAD \$10 000...

Search flyers for prices on high tech items such as laptops, tablets and headphones. Create a wish list and see how much it would cost. What would you buy for \$10 000?

#### WHAT'S THE WEIGHT?

Can you determine the weight of the orange, pineapple and watermelon by looking at this puzzle?

			17 kg
			14 kg
			21 kg
			13 kg
19 kg	22 kg	24 kg	

### DAY 4

#### WHERE IS THE FLOUR?

No matter where you look, grocery stores don't have any flour! Find the biggest bag of flour in your house. Bags of flour usually come in shipments of 77 bags at time. How much would this weigh?

#### PREDICT HOW MANY

Take a walk with your family and bring a tape measure (you can use your own feet if you can't find one). Try and find 4 different objects that you think will have the same area. Measure to find out!

### DAY 5

#### HOW FAR? HOW LONG?

During this school closure, people are out walking and running a lot more. Go for a walk with your family. Measure how far you went and how long it took. How long would it take if you did the walk twice? What about 3 times? How far would you have gone?

#### MAP IT OUT

Sketch a grid map of your favorite place to play (park, backyard). Show your family how you would move from one spot to another. An example would be 3 squares to the right and 4 squares down.