

SD 38 K-12 Mathematics & Numeracy

Grades 6 & 7: Week Three

Big Idea: We can describe, measure and compare spatial relationships.

Curricular Content: measurement – perimeter of complex shapes, circumference of circles

Curricular Competencies: estimate reasonably, communicate mathematical thinking in many ways, represent mathematical ideas in concrete, pictorial, and symbolic forms

Core Competencies focus: Communication, Personal and Social Awareness and Responsibility

Teachers and Families: The following are five problems/tasks to choose from for this week, based on the above curricular areas of focus.

Measure the perimeter of the top or face of a table or box in your home. Can you find something that is not a square or rectangle? The perimeter is the total distance around all the sides. What measuring tool and unit will you use?

Find a similar shape to measure in your home and estimate whether it's perimeter will be more or less than the shape you measured.

Show what you did using pictures, numbers and words.

Find three objects that contain a circle shape or has a circle on it. How could you measure the circles? What materials or tools could you use? How will you mark where you started measuring? The distance around a circle is called the circumference. Estimate the circumference before you measure – how do your estimates and measure compare? How will you share your thinking about this task?

Choose five things at home to measure. Measure the perimeter (distance around the sides of one face) and/or circumference (distance around a circle).

Record your findings using pictures, numbers and words.

Remember to include the "unit" you are measuring with.

How long is two metres? How many centimetres are in two metres? How many millimetres are in two metres?

Find 3 things in your home that are about two metres wide.

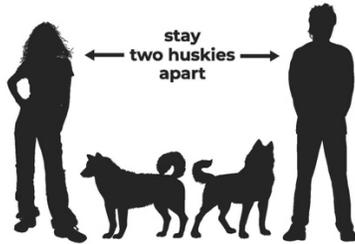
Record your findings. Which item do you think would be the best visual referent or reminder for your family to consider for physical distancing?

Numeracy Task:

Attached are some visuals to create reminders to the public about the importance of physical distancing. Create a visual that you could share with family, friends or the community about staying at least two metres apart from others when you leave your home. You could use paper and markers/crayons, loose parts or use technology.



What does physical distancing look like?



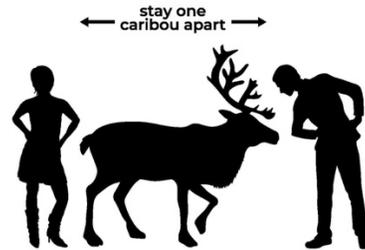
(or 2 metres/6 feet)

Sled optional. When going out for fresh air, resist the urge to pet any doggos you may encounter. Affirmations of their VERY GOOD status may occur from a safe distance.



What does physical distancing look like?

(also known as "social distancing")



(or 2 metres/6 feet)

Note: please stay at least 90 metres / 300 feet away from actual caribou.



PHYSICAL DISTANCING
CANADIAN CONVERSION



@kwiens62