WHERE DOES MATH LIVE IN OUR COMMUNITY?

When you are out and about this summer, where might you find math? Notice, wonder and share ideas together!

Notice patterns:

Where do you see patterns? How could you describe the patterns?
How do the patterns repeat or have regularity? Where do you notice tessellations?

Estimate:

About how many gulls are on the logs? About how many grains of sand do you think are in this pail? About how many trees are in this park? About how many children are playing on the playground? About how steps until we get to the entrance of that building?

Count:

Count the number of pinecones collected at the park, the number of flowers in your neighbour's rosebush, the number of ducks in the pond. For older children, practice counting quantities of things in groups, such as by 2s, 5s or 10s.

Take a number walk:

Where do you notice numbers in our community?
How are numbers used to order, compare or communicate information?

Think about size/scale, shapes, spirals and symmetry:

When observing living things such as leaves, trees and flowers, what shapes do you notice?
What types of symmetry can you find? How do living things inspire your thinking
about measurement, size and scale? Where can you find spirals in living things?

ideas to support mathematical thinking
with children over the summer holidays

RICHMOND
SCHOOL DISTRICT NO.38