Education Week 2022

This year, Education Week runs from the 22nd to the 28th of May. The theme, '150 Years of Public Education' commemorates the past, celebrates the present and imagines the future of education in Victoria.

Education Week celebrates the strengths and achievements of Victoria's government education sector and is an opportunity for all primary and secondary schools, higher education providers, and early childhood education and care services to highlight their education journey.

This year, Somerville Primary School is 137 years old. Somerville Primary School opened on the 1st of January 1885 in a new timber building on a one acre site on the north west corner of Lower Somerville and Eramosa Road.

New timber buildings were built in 1914 in the current location of the now Somerville Primary School.

To celebrate Education Week, Somerville Primary School will be inviting Grandparents and Special Friends to visit our wonderful school on the afternoon of Thursday 26th May. The afternoon will begin from 2:30pm until 3:15pm, Grandparents and Special Friends are encouraged to come into our classrooms and play some Maths games with our students. Our Student Leaders will greet visitors at the entrances to the school.

As we are promoting all things numeracy for Education Week, we have come up with some very tricky and challenging problem solving questions for all of you to solve with your family at home!

How to Play:

1. Find your year level's question and have a go at figuring out the answer.
2. Email your answer to somerville.ps@education.vic.gov.au by Friday the 27th of May with the following details:
   Name:
   Grade:
   Answer:

3. If you answer the question correctly, you will go into a raffle to win a prize which will be drawn at the next assembly. Please note, there will be one prize for each year level.

Problem Solving Questions:

<u>Foundation</u>

Three friends are planning to visit each other's houses over the next 3 weekends but they cannot decide whose house they will go to on which weekends.Sasha says, "Let's put our names in a hat and draw them out until there are none left and visit our houses in that order." Amy and Karima agree. How many possible orders are there in which they might visit each other's houses over the next 3 weekends?

<u>Year 1</u>

Manu is getting ready for school in a hurry. She hasn't sorted her socks over the weekend and they are jumbled up in a box under her bed. In the box there are 12 socks altogether. There are 2 blue socks, 4 purple socks and the rest are black. If she reaches in and grabs a sock without looking, will she most likely pick up a blue, purple or black sock?

<u>Year 2</u>

A school is building a new car park. The first row of parking is 20 m wide and has 9 parking spaces. The first 2 parking spaces are each 3 m wide and are for disabled parking only. What is the width of each of the other parking spaces in the first row?

<u>Year 3</u>

Isabelle's teacher has a long pointer stick with a plastic hand stuck to the end of it. The pointer stick is 1 m long. The hand is 15 cm long. What is the total length, in centimetres, of the pointer with the hand stuck to the end?

<u>Year 4</u>

Billy was going out with his friends. His mother gave him one note of money to be able to pay for his food. His father also gave him $10.50 to pay for a movie ticket. The movie ticket only cost $8.30 and his lunch cost $17.20. He had $5 left.How much money did Billy's mother give him?

<u>Year 5/6</u>

Use the clues to find the mystery number:

It is an even number.

It is less than 300 000.

There is a 1 in the thousands place.

The digit in the thousands place is half the ones.

The digit in the ones place is the same as the hundred thousands place.

The digit in the ten thousands place is double the digit in the ones place.

The digit in the tens and thousands place add to make 10.

The digit in the hundreds place is the difference between the digits in the tens and ones places.

Best of luck mathematicians,

Miss Elliott.

What DO Mathematicians DO?

Talk about Math	Explain their thinking	Make predictions	work together	compare
Make mistakes	Record their ideas	change their ideas	check their work	Look for challenges