

2023 Wk1 Y7/8 Distance Learning

(This is a voluntary set of learning that only needs to be completed if compatible with the needs of your whanau.)

Reading:

Independently read for 30 minutes or more each day

Make a Rainfall Fact Sheet -Research rainfall records- where has the most rain? Where has the least?

How many different words can you find for or to describe rain in the English language? I.e drizzle, stormy, bucketing down, downpour.

Translate the word rain into as many languages as you can.

Research and draw a diagram of the Water Cycle

Find out some facts about the three types of Rainfall - Convectional, Relief and Frontal. How and where do they form?

Writing:

Here are some different ideas to choose from:

- describe the view outside your bedroom window (setting description)
- a moment in time about one aspect of your holiday
- the flooding from a different perspective (the water, pets, insects, the land)
- a poem about the weather
- be a journalist - interview people on their experience of the flood - write a newspaper article about the Auckland floods
- make a comic strip about your Summer holiday.

Maths:

Using items around your home, find their measurements and then treble them (times by 3). This may mean you will have to convert the measurements.

See if you can vary between grams, litres, mls, cm, m

Milk 1.5 litres - $1.5 \times 3 = 4.5$ litres

Book 39cm - $39 \times 3 = 117$ cm or 1m 17cm

Make a rain gauge, measure the rain and plot the results on a chart. What times of day had the highest rain?

Work through the Basic Facts/Strand sheet

YELLOW			NUMBER KNOWLEDGE #1	/50
110 - 40 =	4 x 7 =	9.1 + □ = 10		
110 - 60 =	7 x 6 =	7.1 + □ = 10		
120 - 90 =	8 x 6 =	5.2 + □ = 10		
130 - 60 =	9 x 9 =	3.2 + □ = 10		
140 - 60 =	49 ÷ 7 =	1.3 + □ = 10		
150 - 70 =	64 ÷ 8 =	8.3 + □ = 10		
130 - 70 =	56 ÷ 8 =	6.4 + □ = 10		
49 + 49 =	28 ÷ 3 = □ r □	100 ÷ 4 =		
29 + 29 =	18 ÷ 4 = □ r □	200 ÷ 4 =		
16 eighths = 2	yes no □ = one	double 12.5		
10 tenths = 1	yes no □ halves = 1.5	half of 9		
$\frac{2}{5}$ of 6	$\frac{3}{5}$ of 10	which is smaller $\frac{1}{8}$ or 0.8		
$\frac{3}{4}$ of 8	$\frac{5}{6}$ of 12	which is bigger 1.25 or $\frac{1}{3}$		
write as a decimal seven tenths	write as a decimal two and a half	which is bigger 1.25 or $\frac{1}{3}$		
how many tenths in 9	9 90 900	which is smaller 0.1 or 0.01		
how many hundredths in 20		which is bigger thirteen tenths or 2		
round 10.7 to the nearest whole number		one hundred less than 10 000		
one tenth more than six		one tenth less than six		
write as a number six hundred and thirteen and fifteen hundredths				

OTHER MATHS #1

Jack has 156 marbles. He loses 29 marbles when he plays a game with his friends. How many has he got left?
Show how you solved this

Draw the line or lines of symmetry

How many lines of symmetry are there?

This angle is (choose)

a right angle

an obtuse angle

an acute angle

Draw the diameter of this circle

Sketch the net of a cube

Which of these shapes won't tessellate?

What is the area of a square if one side is 10 cm long?
20 cm² 40 cm² 100 cm²

What is 6:30 pm in twenty-four hour time?
1630 1830 2030

What is 10 g more than 1 kg?
1.01 kg 1.1 kg 1.001 kg

What is 50 minutes past 8:15?
9:05 9:10 9:15

Draw a line around two fifths of these stars

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

PE:

Keep yourself active:

- get outside if it's not raining
- dance to your favourite songs
- make your own exercise video (singing in the rain)