Mortlach Primary School
Week 6 Self-isolation Grid for Primary 5

Reading	Numeracy and Mathematics	Health and Wellbeing
Read daily for 20 mins. Write about your favourite author. Explain what it is that you like about them. Is it the genre they choose, their style or choice of language? Fill out the attached sheet.	Pick 2 times tables that you find difficult. Count through the stations out loud to someone at home. For example: The 9 times table – 9,18,27,36,45,54,63,72,81,90,99,108	Think about your home learning during lockdown and since then. What have been the challenges? What have you learned about yourself? Write **out three things that help you focus and three that don't**. How can you reduce the three that don't help?
Writing Instructions Write instructions to teach someone how to do something. It could be bake a cake, sort a puncture or wash their hands properly. Make sure you include a list of what they will need and use bossy verbs in instructions. Check you haven't missed anything out. You can see the sheet attached.	**Numeracy and Mathematics** Partitioning Using partitioning, complete the addition sums in the Worksheet attached. There are 3 different levels, choose the one that suits you.	**STEM** Explore planets beyond our solar system in the Galaxy of Horrors on NASA's website here. Try a bit of star gazing from your window or garden using these helpful hints.
Spelling Make a list of words you often struggle to spell. Think of all the different things you have done in the past to help you learn words. Use the one you think works the best to learn these. You might use a few different strategies to make sure. See how many you know by Friday.	**Numeracy and Mathematics** Choosing the correct task for you (there are 4 different levels), complete the column subtraction sums. Remember to always start from the units. If you do not have enough - Units for example, you can borrow from the Tens column. 4 16 23~~5~~6 -1237 1119 I borrowed from the tens column so that I now have 16 units takeaway 7 units. Then I was left with 4 tens takeaway 1 ten.	**Expressive Arts** **Follow the stages of the moon** over the week by taking a photo (if possible!) Recreate the stages using the below activity: https://www.adabofgluewilldo.com/foil-printed-moon-craft/ Try sticking to a background to see the moon's progression.
Similes Similes – What are similes? Why do we use them in speech and writing? How do you compose your own? Complete the similes worksheet to practise and apply this skill.	**Numeracy and Mathematics** Choose 4 of your favourite tv shows. Can you work out how many minutes each one is on for? If you watched them one after another, how long would you be watching tv in total?	**Social Studies** Time travel backwards (or forwards) to a time in history. Write your present-day self a postcard and explain how life is different. If you have gone back in time, **research a particular event** or place to give you extra detail to include in your postcard.

Talking and Listening	Puzzle – Crazy Calculator	Health and Wellbeing
Think about how you got on in the spelling task above. Tell someone about it. What helped you learn? Explain to them how you will remember these words in the future. Ask them to test you regularly and see how long you remember them.	Look for the puzzle later in the pack. Can you use the broken calculator to make all the numbers from 1 to 20?	**Make breakfast for your family** one day at the weekend as a way of saying thank you. Challenge yourself to include at least one piece of fruit as well as a glass of fruit juice.

My Favourite Author

Author's name

Favourite book written by this author

Any facts you know about the author

Reason for liking this particular author

Mortlach Primary School
Week 6 Self-isolation Grid for Primary 5

Instructions for _____

You will need:

Instructions

Similes

A <u>simile</u> is a <u>figure of speech</u> that directly compares two different things. The simile is usually in a phrase with the words "as" or "like." Using similes in our writing helps to create greater description and imagery, both of which help to engage the reader.

Here are some examples of similes…

As flat as a pancake   The place was like a ghost town
As free as a bird   Life is like a box of chocolates
As clear as mud   The sun was like a burning light bulb
As quiet as a mouse   Soaring like an eagle
As cold as ice

Look at the phrases below. Have a go at completing the phrases to make them interesting similes.

The moon glowed <u>like</u> . . . . . .

Raindrops dripped down the window pane <u>like</u> . . . . . .

The air smells as fresh <u>as</u> . . . . . .

The rose petals are as delicate <u>as</u> . . . . . .

The surface of the water is as smooth <u>as</u> . . . . . .

The icicles pointed downwards <u>like</u> . . . . . .

Dewdrops glistened on the flowers <u>like</u> . . . . . .

The clouds are as fluffy <u>as</u> . . . . . .

The girl sang as sweetly <u>as</u> . . . . . .

The traffic moved as slowly <u>as</u> . . . . . .

Have a go at making up your own similes, using 'like' or 'as'

Numeracy and Mathematics -Partitioning

3-Digit Column Addition (With Regrouping)

1.			2.			3.			4.		
1	0	9	4	5	5	1	7	0	5	5	4
+ 1	3	9	+ 2	8	1	+ 2	4	9	+ 2	0	9

5.			6.			7.			8.		
1	9	6	6	2	8	6	7	7	5	2	4
+ 7	0	6	+ 3	1	9	+ 1	6	0	+ 2	0	8

9.			10.			11.			12.		
1	9	9	1	5	8	3	8	5	6	6	5
+ 3	9	1	+ 4	6	6	+ 1	3	7	+ 1	0	7

13.			14.			15.			16.		
1	0	9	2	3	7	2	9	0	8	6	2
+ 4	9	8	+	6	8	+ 2	7	6	+	6	7

17.			18.			19.			20.		
7	1	9	5	9	5	2	6	7	6	0	6
+ 1	8	2	+ 1	1	7	+ 5	7	9	+ 2	5	8

twinkl   visit twinkl.com

Adding 4-Digit Numbers with Regrouping

LO: I can add 4-digit numbers with regrouping.

1	4078 + 7806	**2**	3020 + 7033	**3**	8389 + 2094	**4**	1938 + 8398
5	8784 + 9969	**6**	8580 + 1887	**7**	9771 + 8489	**8**	5602 + 9250
9	2851 + 2330	**10**	8976 + 7249	**11**	6942 + 3220	**12**	7238 + 5733
13	4265 + 8270	**14**	8811 + 2787	**15**	1899 + 8179	**16**	6073 + 6379

Challenge:

1	2 _ 32 + 31 _ 2 _ 28 _	**2**	96 _ _ + 6 _ 80 _ _ 197	**3**	25 _ 7 + _ 39 _ 7 _ 65	**4**	8 _ 2 _ + _ 060 _ 08 _ 1

Addition With 5 Digit Numbers

1.
```
  56833
+ 44105
```

2.
```
  68640
+ 28360
```

3.
```
  92195
+ 17742
```

4.
```
  28446
+ 55824
```

5.
```
  68586
+ 75019
```

6.
```
  94929
+ 68567
```

7.
```
  84658
+ 85858
```

8.
```
  71778
+ 88411
```

9.
```
  34522
+ 45861
```

10.
```
  99394
+ 46453
```

11.
```
  98584
+ 52426
```

12.
```
  16373
+ 26611
```

3-Digit Column Subtraction

1.

```
    2  7  3
 -     2  1
```

2.

```
    6  8  2
 -     5  1
```

3.

```
    5  4  9
 -     3  6
```

4.

```
    8  8  7
 -     7  4
```

5.

```
    3  5  8
 -     3  5
```

6.

```
    4  9  3
 -     6  2
```

7.

```
    6  7  6
 -  1  2  1
```

8.

```
    7  2  4
 -  2  1  3
```

9.

```
    8  4  3
 -  3  4  1
```

Challenge - Find the missing numbers in the subtraction calculations below:

10.

```
    4  □  6
 -     3  □
    4  2  2
```

11.

```
    □  7  5
 -  1  □  1
    8  1  □
```

12.

```
    6  □  9
 -  □  3  5
       5  4
```

3-Digit Column Subtraction

1.
```
  3 7 4
- 1 2 3
```

2.
```
  8 7 6
- 4 1 6
```

3.
```
  4 9 7
- 2 5 4
```

4.
```
  6 4 9
- 3 2 7
```

5.
```
  7 0 8
- 3 6 5
```

6.
```
  4 3 5
- 1 2 7
```

7.
```
  1 8 6
-   9 1
```

8.
```
  2 4 0
- 1 0 5
```

9.
```
  9 6 1
- 1 2 4
```

Challenge - Find the missing numbers in the subtraction calculations below:

10.
```
  5 4 9
-   7 □
  2 7 5
```
(missing boxes in tens/hundreds and units of subtrahend)

11.
```
  6 0 3
- □ 7 3
  3 3 □
```

12.
```
  3 □ 4
- □ 6 1
    6 3
```

13. A baker bakes 248 iced buns. He sells 195. How many buns does he have left over?

3-Digit Column Subtraction

1.

```
  7 8 4
-  2 3 5
```

2.

```
  2 0 5
-   6 5
```

3.

```
  9 6 4
-  5 5 8
```

4.

```
  4 3 8
-  2 7 9
```

5.

```
  6 4 3
-  1 7 8
```

6.

```
  8 7 1
-  8 5 6
```

7.

```
  5 0 6
-  2 6 8
```

8.

```
  5 1 7
-  3 7 9
```

Challenge - Find the missing numbers
in the subtraction calculations below:

9.

```
  1 6 4
-   9 7
```

10.

```
  6 □ 9
- □ 9 8
  2 6 □
```

11.

```
  □ 3 5
- 2 7 □
  1 6 0
```

12.

```
  8 1 7
- 6 □ □
    8 9
```

13. There are 364 children in a school. 178 go on a field trip to London. How many children are left in school?

14. Samantha has £792 saved in her bank account. On Saturday, she spends £138 on a new bike and on Sunday, she buys a pair of roller blades for £75. How much money does she have left in the bank?

Subtracting 4-Digit Numbers With Exchanging

LO: I can subtract with 4-digit numbers

1
```
  7894
- 3918
_____
```

2
```
  7425
- 6773
_____
```

3
```
  9882
- 6443
_____
```

4
```
  6746
- 5816
_____
```

5
```
  6873
- 5175
_____
```

6
```
  7043
- 5878
_____
```

7
```
  7861
- 7200
_____
```

8
```
  9803
- 1985
_____
```

9
```
  7327
- 5309
_____
```

10
```
  7178
- 2906
_____
```

11
```
  5637
- 4447
_____
```

12
```
  2877
- 2498
_____
```

13
```
  7450
- 3219
_____
```

14
```
  7723
- 6962
_____
```

15
```
  6527
- 4450
_____
```

16
```
  5568
- 2319
_____
```

Challenge:

1
```
  9_45
- _5_6
_____
  171_
```

2
```
  26_5
- 1_6_
_____
  _368
```

3
```
  _5_7
- 2_2_
_____
  4971
```

4
```
  2__8
- _63_
_____
  1075
```

Mortlach Primary School
Week 6 Self-isolation Grid for Primary 5

Numeracy and Mathematics – Crazy Calculator

This activity will develop your skills in solving a mathematical puzzle. You will use the image below of a broken calculator to play a game for two players.

- Write down the numbers 1 – 20.
- Take it in turns to select one of the numbers and see if you can make the number using only the number and symbol keys that are left on the broken calculator. For example, 8 – 4 - 2 = 2 or 8 – 3 x 2 = 2.
- You score a point for each number that you can make.
- You could play this game again by changing the numbers and symbols left on the broken calculator, and then try to make the numbers 1-20 again.
- To make this activity more challenging, choose only two numbers and two symbols for the calculator, what numbers can you make now?

Thinking and Talking about My Learning - P3 & P4 & P5

Thinking about how you learn can help you learn more effectively.

At the end of a day of learning you might like to choose a row (A or B) and roll a die to select 2 or 3 questions to think about.

You can think about them by yourself or, even better, discuss them with someone else.

	1	2	3	4	5	6
A	Were there any tasks today that I found too easy? Why? Could I have added my own challenge?	Did I make a good guess about how long each task would take?	Did I get stuck? Did I give up or try a different way? What did I try?	Did I try going back to a tricky task later? Did that make a difference?	Did I find it easy to stay on task today? What helped? What didn't help?	How can I make sure I remember what I learned?
B	Which tasks were practice of something I already know?	Which tasks had new learning in them? What did I learn?	Were there any tasks today that I found too difficult? What made it difficult? Did I give up straight away or keep trying?	Did any of yesterday's tasks make more sense today now that my brain has had time away from it?	Did I choose the order of my tasks? Did I start with the easiest task, or the hardest, or the most interesting or the most fun?	Can I think of ways to improve my motivation for tomorrow?