#### Good Morning Year 6!

It was lovely to see you yesterday on Zoom but if you didn't make it – don't worry.

We chatted about first impressions and how important they were. The general feeling was that people do make judgements about others quite quickly but everyone also recognises that it's not until you get to know people properly that you can really tell what they are like.

The booklet you are filling in is one way (and importantly, the initial way) your form tutor will find out about you so please fill in as much detail as you can.

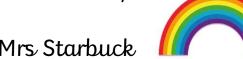
I hope you are all getting outdoors a lot this week and maybe being a bit more active than normal.

Once I have finished these slides, I'm off for a walk with my dog – after all that algebra, I need some fresh air!

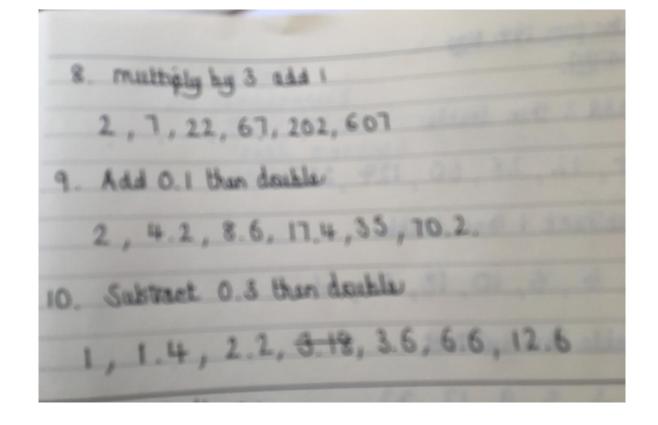
It's Thursday tomorrow so it will be Mrs McCullough and then I will be back on Friday and then... it will be half term!

Have a great home-learning day,

Best wishes,



Maths from 19th May Amazing
1. add 2 then doubles 4, 12, 28, 60, 124, 252
2 subtract 1 than double
3, 4, 6, 10, 18, 34, 66
3. Aruble then subtract 1
2,3,5,9,17,33
4. halve then subtract 2
156, 76, 36, 16, 5,
156, 76, 36, 16, 6, 1
5. multiply by 6 then halve 36 × 6
4, 12, 36, 108, 324, 972
6. double then add half. 108 x 6
$\frac{1}{4}$ , 1, $2\frac{1}{2}$ , 5, $10\frac{1}{2}$ , 21, $42\frac{1}{2}$
324 × 6
7. Kuttiply by 10 subtract 1 1944
0.14, 0.4, 3, 29, 289, 2889 2 1944



Maths answers from  $19^{th}$  May

Amesome Challenge	11 6 6 0
(a) 2, 5, 8, 11, 14, 17, 20	rule add 3 2n+3 3n+2 3n-1
b) 4,9,14,19,24,29,34	rule add 5 5p-1
c) 14,10,6,2,-2,-6	rule - 4 - 4n+18
d) 12,19, 26, 33, 40,47, 54	rule add 7. 7n+5
324.972 216	4 12 36, 108
2. a) 15, 25, 35, 45, 55	rule add 10 10n+5
b) 3,10,17,24,31	rule add 7 7n-4
c) 50, 41, 32, 23, 14	rule subtract 9 -9n +59

Apologies – this was WAY
harder than I realised – if
anyone actually worked this out
please let me know!

3) a) 6, 18, 30, 42, 54

12n-6

12×20 = 246

240-6=234

b) 
$$\frac{15}{15}$$
,  $\frac{12}{9}$ ,  $\frac{9}{15}$ ,  $\frac{1}{8}$ ,  $\frac{1}{7}$ ,  $\frac{9}{15}$ ,  $\frac{1}{15}$ ,  $\frac{1}{1$ 

Adventurous

3) 
$$3n-2$$
 4)  $10n+1$ 

5) 
$$5n-6$$
 6)  $n+2+3$  1)  $n^2-3$ 

1) 
$$n^2 - 3$$

$$9)10 \times 3 = 30 3n$$

10) 
$$2 \times 10 = 20 + 1 = 21 + 20 + 1 = 11$$
)  $10 \times 3 = 30 \cdot 30$ 

13) 
$$3 \times 10 = 30 + 2 = 32.3n + 2$$

$$14) 10 \times 5 + 1 = 51 5n + 1$$

15) 
$$10x5 = 50 + 2 = 52$$
  $5n+2$ 

# Alfable Challenge 1) 3n+7 4th 4x3=12 12+7=19 15th 15 x3 = 45 45+7 = 52 21st 21x3 = 63 63+7=70. 3rd 3x4 = 12 2) 40-1 #1 = H = 12 -1 = 11 11+ 11×4 = 44 44-1 = 43 18th 18x4= 72 72-1=71 3) 10n-3 6th 6x10=60 60-3=57 10th 10×10 = 100 100 -3 = 97 50th 50x10 = 500 500 - 3 = 497 4) 6n+4 4th 4x6= 24 24+4 = 28 8th 8x6 = 48 48+4=52 15th 15x6 = 90 90+4=94

11 12 01 40 100
4×4=16
16+4=20
6x6 = 36
36+4=40
10x10 = 100
100+4=104
18x13 dals
4-2-2
2+5=7
18:2=9
9+5=14
23-2 = 11.5
11.5+5=15.5
= 4 x 81 4181
8) 10 times the number
10n (a)
5th tem 50
SIN FOIL OC
one 10) 3 times the number plus 1
3 miles de number pois
= 0120 3n+1
5th tem = 16
5 3 12) 4 times the number
40
5th tem = 20.
0 m 10 m - 20.
101 111 E + · · · · · · · · · · · · · · · · · ·
surum radmun simil 3 (41 12)
5n-2
5th tem

#### Spelling answers

Each sentence below has one word that is incorrect. Write the correct spelling of the word in the box.

Dad had bought himself a yaut for his birthday.

2. "I was twelth in line!" he shouted.

3. It was a privalidge to work alongside him.

4. Class 2 were learning the rythem of a song.

5. Grandad took them to the lesure centre after school.

6. The soldyer returned home for Christmas.

7. "You must acheive your best score," Mum told him.

8. The card had been put in the wrong catagory.

yacht
twelfth
privilege
rhythm
leisure
soldier
achieve
category

The spelling mistakes in these sentences have been circled. Write the correct spelling for each circled word in the box.

1. His work didn't corespond to the task.

2. "My dog will harress you for food," laughed Stacey.

An old lady will occupie the flat from tomorrow.

The class practised some (yming) words.

"You should not be pejudised against new students," scolded the teacher.

6. It suddenly ocured to him that he was late.

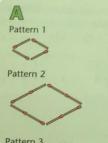
correspond
harass
occupy
rhyming
prejudiced
occurred

## Wednesday 20th May

### L.O: To generate and describe number sequences

There is a choice of 6 challenges today as everyone is at a different stage of their algebra journey – I have the answer book for this one though!

# TARGET To generate and describe number sequences.



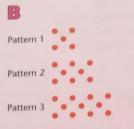
- Pattern 3
- 1 Draw the next two diagrams in the above pattern.
- 2 Copy and complete the table.

Pattern	Matches
1	4
2	
3	
4	
5	

3 Copy and complete this sentence.

The rule for the number of matches is \_\_\_\_ times the pattern number.

- 4 How many matches would there be in:
- a) the 7th pattern
- b) the 10th pattern
- c) the 30th pattern
- d) the 50th pattern?

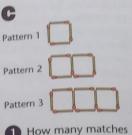


- Draw the next two diagrams in the above pattern.
- 2 Copy and complete the table.

Pattern	Dots
1	5
2	
3	
4	
5	

- 3 Copy and complete.

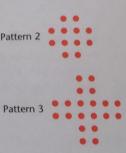
  The rule for the number of dots is \_\_\_\_ times the pattern number plus
- 4 How many dots would there be in:
  - a) the 10th pattern
  - b) the 15th pattern
  - c) the 43rd pattern?
- Which pattern has:
  - a) 23 dots
  - **b)** 38 dots
  - c) 56 dots?



- How many matches would there be in:
  - a) the 9th pattern
  - b) the 17th pattern
  - c) the 28th pattern?
- 2 Which pattern has
  - a) 40 matches
  - b) 67 matches

3 Pattern 1

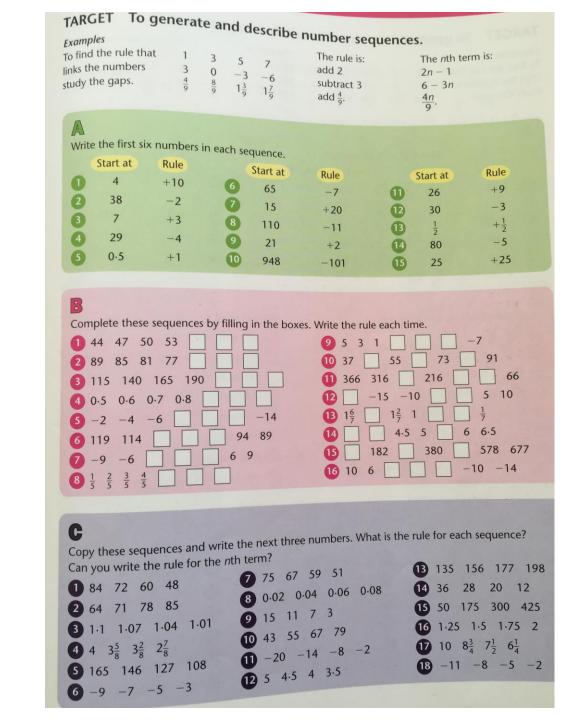
c) 100 matches?



#### Copy and complete.

The rule for the number of dots is \_\_\_\_\_ times the pattern number minus

- 4 How many dots would there be in the 25th pattern?
- 5 Which pattern has:
  - a) 60 dots
  - b) 92 dots?



Today, I would like you to continue your All About Me booklet.

First, look at the clubs on offer – which of them would you like to join? You can highlight the ones that interest you.

Why do you think they like everyone to join at least one club? Even if clubs haven't been 'a thing' for you in the past, why might it be a good time to try one? Talk to someone at home about this.

Next, look at the page called 'A new school day' and the timetable that follows. SWCHS operates a two week timetable so the first week you look at Week 1 to see which lessons you have and then the next week, it will be Week 2 and the third week you go back to the Week 1 timetable – coming back after a holiday is the most confusing bit but you will be reminded which week you start back on. Then, complete questions 1-6.

After that, read the two homework pages and think about your approach to homework when you go to secondary school – will it be different to what you have done this year? How? It's a good idea to think about these things in advance.

Obviously, recently, you have done a lot of work at home so this may mean that your home-study habits have improved but you may also have had a bit more free time, so for some of you, think about what will be different in September.