



# NUMERACY - WEDNESDAY

Remote Learning  
Week 6 under the dome

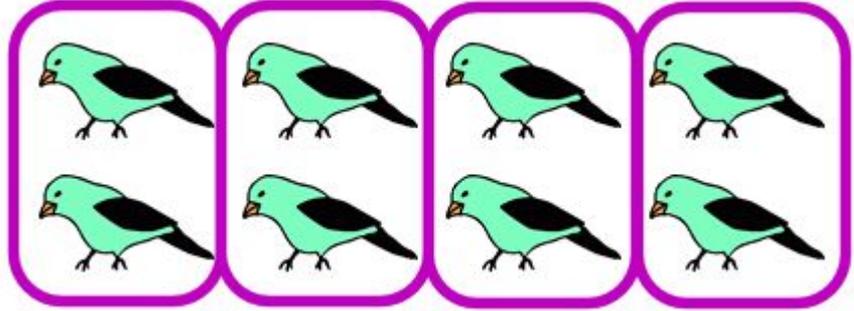


# LEARNING INTENTION

We are learning how to respond to open-ended problems

# SUCCESS CRITERIA

I can explore solving the open-ended problems using different strategies



# NUMBER FLUENCY - 10 MINUTES

Please spend 20 minutes practicing your times tables. This will be your warm up for your date maths game. Make sure you know your 2's, then your 4's, then your 5's, then your 10's, then your 3's, then your 6,s then your 8,s then your 9,s. Pick one and practice for 10 minutes

# LAUNCH - OPEN-ENDED PROBLEMS

Today I have posted a file with this lesson. It is all of the different strategies that you can use to solve different problems. Some problems will suit some strategies, some will not, you are going to try some out and see how you go.

**Please download the problem solving strategies and read them before you start the open-ended problems.**

# EXPLORATION - OPEN-ENDED PROBLEMS

Remember. The key is **not** to answer as many problems as you can. It is to answer one problem in as many ways as you can.

I will put problems on three slides. Green, orange and red. Please choose a slide that suits you and answer some problems. Problems are to be answered in your maths book, your working clearly shown and laid out on the page. I expect the same quality as I do at Pender's please.

# GREEN

1. How many different counting patterns can you make using the number 3? ***Hint: you can count forwards AND backwards.***
2. Write down all the odd numbers between 0 and 100.
3. I am thinking of a number between 50 and 70, it is an even number and has a 6 in it, what different numbers could it be?
4. How many different backwards counting patterns can you make, starting at 100.

# ORANGE

1. 3 numbers added together equals an odd number. What different combinations of the 3 numbers can you come up with
2. I have some marbles. I give some to my friends and I have 1 left. Write some subtraction problems that show how many marbles I might have started with.
3. Write down as many subtraction problems as you can that equal 205

# RED

1. The answer to a division question is 5. Write as many possible problems that could equal this.
2. Using the digits 9, 8, 7, 6, 5, 4, 3, 2, 1 and any operations you want, what numbers can you make?
3. A school has 400 students. They come by bus, each bus carries the **same** number of students. How many students on each bus?