MATHS ACTIVITIES

Here is a list of activities that you could do to practise your number skills!
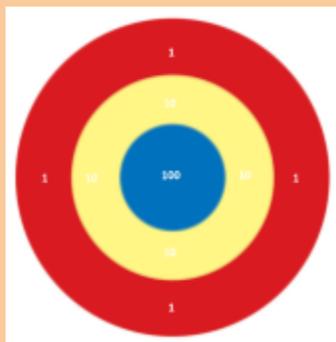
Number Puzzle

Roll a dice to get a two digit number, e.g.56, and write it on the puzzle piece. Find the other numbers and write them in each square like on a 100s chart.

	46	
55	56	57
	66	

Target

Draw a special target that looks like this:

Throw 5 counters (or lego, or pasta) at the target and make sure they all land on the target. What was the total number you made?
How did you work out?

Largest/Smallest

Make a table like this:

Hundreds	Tens	Ones

The aim of this challenge is to make the largest number you can.
Start by rolling a number on a die, or by drawing a card from a deck of cards. Choose which place to put it in before choosing the next digit. Repeat until you have made a 3 digit number.

Were you able to make the largest possible number?
What was your strategy?
What could you do differently next time?

Ten Less & Ten More

Make a table like this:

Ten Less	My Number	Ten More

Students roll a die and record the number in the middle column - students to record the number that is:
● Ten more, ten less

If you would to challenge yourself you might also like to try doing:
● Hundred more, hundred less

Date Maths

Use the digits contained in the date to write an equation.

E.g. Today is 23.3.2020
2 +3 =5
23 + 20 = 43
23 - 20 = 3
202 - 32 = 170

Race to Zero

With a partner, students collect twenty counters (lego or pasta) each and a dice. Partner One rolls dice, takes away the number of counters and records as an equation. Partner Two repeats. The winner is the first one to zero.
What strategies could you use?
● cross off numbers (using diagram)
● write an equation
● use concrete materials (make a model)
● Make a table

Make my Number

My number is 38

How many different ways can you make the number 38

You can use:
Addition +
Subtraction -
Division ÷
Multiplication x

Can you pick your own number and make it in different ways?

Mastermind

Make a table like this:

Hundreds	Tens	Ones

Player 1 chooses a number that has 3 digits and keeps it secret. Player 2 guesses their number by making suggestions about what digit is in each place. For example, '3' in the hundreds place. Player 1 then responds using coloured dots to show whether they have been successful or not.

A green dot means that the digit is correct and in the correct place, an orange dot means that the digit is somewhere in the number but in the wrong place, and a red dot means that the digit isn;'t in the number at all.

Roll, Make, Record	What's the difference?	Magic number	Four Dice
Roll two dice to make a two digit number. Write the number in digits and as a word. When you have a group of numbers, put the numbers in order from lowest to highest.	The difference between my two numbers is 4. What could my two numbers be?	Work with a partner or a small group. One person chooses a number on the number chart but keeps it secret. The partner or small group then asks yes or no questions to try to figure out the magic number. *For an extra challenge, can you find the magic number in 10 questions or less?	I rolled four dice at once. The total added to 20. What numbers could I have landed on? Find as many different possibilities that you can. (Dice not necessary for this activity)