

Year 5 Friday Maths Investigation (1/5/20)

Hello Year 5! Try this Maths investigation below. We have deliberately not included a solution because we want to see if you can spot any patterns. Good luck!

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Strings

Start with a 2-digit number, e.g. 24

Multiply the tens digit by 9 and add the units digit:

$$2 \times 9 + 4 = 22$$

Do the same with your new number:

$$2 \times 9 + 2 = 20$$

Keep repeating again... and again... and again... until...?

Repeat using other starting numbers.

What happens?

What do you notice?

Can you find and explain any patterns?