



Year Four 18/5/20

Maths

We are going to do some work on multiplication and division for the next couple of weeks. We will start today with multiply by 10 and 100 (see additional resources for help). Remember when we multiply by 10 we move each digit ONE place to the left on a place value chart and when we multiply by 100 we move each digit TWO places to the left.

Fluency

$3 \times \text{one} = \text{one} + \text{one} + \text{one} = 3 \text{ ones} = 3$

Complete:

$3 \times \text{ten} = \text{ten} + \text{ten} + \text{ten} = \text{ } \text{tens} = \text{ }$

$3 \times \text{hundred} = \text{hundred} + \text{hundred} + \text{hundred} = \text{ } \text{hundreds} = \text{ }$

Use a place value grid and counters to calculate:

7×10	63×10	80×10
7×100	63×100	80×100

What's the same and what's different comparing multiplying by 10 and 100? Write an explanation of what you notice.

Use $<$, $>$ or $=$ to make the statements correct.

75×100	<input type="radio"/>	75×10
39×100	<input type="radio"/>	$39 \times 10 \times 10$
460×10	<input type="radio"/>	100×47

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Reasoning

Which representation does **not** show multiplying by 100?
Explain your answer.

$1 + 1 + 1 \rightarrow 100 + 100 + 100$

$10 + 10 + 10 \rightarrow 100 + 100 + 100$

$300 \rightarrow 100 + 3$

$10 \rightarrow 100 + 100 + 100$

Mastery

Annie has multiplied a whole number by 10

Her answer is between 440 and 540

What could her original calculation be?

How many possibilities can you find?

I would also like you to go on TTRS this week and practise your times tables. I will be doing a times table test on Friday!

English

Last week you looked at two different spelling patterns. I'm going to give you six words from each spelling pattern that I'd like you to practise so that you know how to spell them correctly. I've uploaded a video today. On that video I'll ask you to spell six out of these twelve words, sort of a virtual spelling test! I'm going to trust you not to look at the video until you've learned how to spell all twelve words. Once you're sure you know how to spell them, watch the video. Don't feel like you have to learn all of the words today because that's difficult. Just watch it when you're ready!

Here are the words I'd like you to learn.

enough	young	double
trouble	rough	tough
league	rogue	vague
technique	unique	antique

Foundations Subject – Geography

I can research a Mediterranean holiday destination and describe its human and physical features and climate.

Talk to your grown up about these questions.

1. Can you name some Mediterranean countries/holiday destinations?
2. Why do you think people go here on holiday?

Research one of these destinations and present it in your own way in your homework book or on paper – like when we have done the double page spreads at school. You may use a computer if you wish. You must include human and physical features of the destination and information about its climate. You could include pictures, map, data etc. Use colours, make it look good and keep your presentation neat. Human = Things which have been built/made by humans.

Physical = Things which have occurred naturally (e.g. cliffs, beaches)