

# Year 4 Knowledge Map - Term 5

## Key Dates & Information

Thurs 23<sup>rd</sup> April – Class Photos  
 Mon 27<sup>th</sup> April – Spencer – Math Morning  
 Tue 28<sup>th</sup> April – Tull – Math Morning  
 Wed 29<sup>th</sup> April – Crick – Math Morning  
 Mon 11<sup>th</sup> - Wed 13<sup>th</sup> May – Frontier Centre Residential  
 Mon 1<sup>st</sup> - Fri 12<sup>th</sup> June – MTC Assessment Window



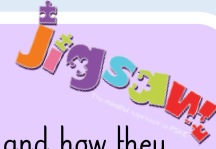
## Physical Education

Our PE days this term will continue to be on Mondays and Wednesdays. Please come dressed in your PE kit on these days, with no earrings or jewellery that cannot be easily removed!



## PSHE

This term, we are exploring relationships and how they impact our lives. This will include looking at love, loss, memories and celebrating relationships with important people and beloved pets.



## Writing

We will be writing a persuasive letter to Moulton Parish Council regarding the road safety around our village and our school. We have begun to explore how to display a letter and how to writing persuasively. We will now apply those writing skills in a formal context to a important local issue!



Scan to watch some important road safety information and advice!

## Maths

This term we will begin by finalising our learning of fractions.

Our main focus will then be on multiplication and division. We will use our knowledge of regrouping and times tables up to 12 x 12 to learn the formal method for multiplication.

In division, we will begin by teaching the extended (long) division method and then apply this to short division to help us solve trickier calculations.

Can you find the equivalent fractions in this game?



hundreds	tens	ones
100	10 10 10 10	1 1
100	10 10 10 10	1 1
100	10 10 10 10	1 1
100	10 10 10 10	1 1

	1	4	2
x			3
	4	2	6
	1		

$$\begin{array}{r} 241 \\ 4 \overline{) 964} \\ \underline{- 8} \phantom{4} \\ 16 \phantom{4} \\ \underline{- 16} \\ 04 \\ \underline{04} \\ 0 \end{array}$$



$$\begin{array}{r} 241 \\ 4 \overline{) 964} \\ \underline{8} \phantom{4} \\ 16 \phantom{4} \\ \underline{16} \\ 04 \\ \underline{04} \\ 0 \end{array}$$

SCAN ME



It is recommended that all children should be using TTRS at least 20 minutes a week! This is vital with the MTC check approaching in June!

## Spelling

We will be exploring when to double consonant when adding -ing.

If the root word ends in 2 consonants, **add -ing**

**jump - jumping**

If the root word ends in 1 consonant but has a long vowel sound, **add -ing**

**wait - waiting**

If the root word ends in 1 consonant but has a short vowel sound, **double the consonant and add -ing**

**swim - swimming**

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## Computing

In computing this term we will be exploring programming and repetition within games. We will be using the website 'Scratch' to create infinite and count-controlled loops among other key codes to give our sprite characters various instructions to follow!



SCRATCH

## Geography

In our geography unit, we have been looking at map skills. We have looked at the six major environmental regions (Temperate, Mediterranean, Polar, Snow, Arid and Equatorial). We have observed different countries in Europe, South America and North America and where they fall within the six major environmental regions.

We have investigated that certain states in America fall into different environmental regions. For example, we know that Washington DC has a Temperate environment, Denver has an Arid environment and Los Angeles has a Mediterranean environment.

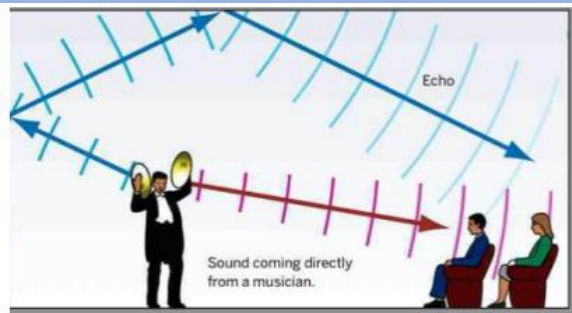


## Challenge

Could you find a country that has different environmental regions?

## Science - Sound

In Science, we will be exploring how sounds are made, recognising that vibrations from sounds travel through a medium to the ear.



We will recognise patterns by exploring pitch and volume.

We will investigate sound by creating a cup and string telephone.

## Art and design - Painting

In this unit of art, we will explore how to make tints and tones to make an ombre effect when we are painting. We will be looking at famous painters and the techniques they have used to create this effect.

We will explore the work of artist Helen Frankenthaler. She was an American abstract expressionist painter. Using thin, translucent colours, she produced abstract paintings that expressed emotion.

