

Year 4 Knowledge Map - Term 2

Key Dates

4 Tull Maths Morning – 12th Nov 8:30-9:15am
 4 Crick Maths Morning – 13th Nov 8:30-9:15am
 4 Spencer Maths Morning – 14th Nov 8:30-9:15am
 Brass Performance Group A – 26th Nov 1:30pm
 Brass Performance Group B – 26th Nov 2:15pm
 Tasty Treats – 4th or 5th Dec
 Christmas Film Night – 10th Dec 3:00-4:30pm
 Y4 Christmas Assembly – 14th Dec 9:15am
 Christmas Jumper & Dinner Day – 14th Dec
 KS2 Panto Trip – 17th Dec

PE



Our PE days will continue to be on Mondays and Wednesdays. Please come dressed in your PE kit (plain white t-shirt, plain blue/black shorts, no logos) arriving to school with no earrings or prepared to take them out for PE!

PSHE



What would you do if you witnessed someone being bullied?



How could you help someone who is feeling left out?

What do you think makes a good friend?



Music



We are lucky enough to be able to continue with our Brass Project this term. The children will be working hard to prepare for their final performance.



7 x

7 x 1 = 7
 7 x 2 = 14
 7 x 3 = 21
 7 x 4 = 28
 7 x 5 = 35
 7 x 6 = 42
 7 x 7 = 49
 7 x 8 = 56
 7 x 9 = 63
 7 x 10 = 70
 7 x 11 = 77
 7 x 12 = 84

Maths

It is recommended that all children should be using TTRS for at least 21 minutes a week!



SCAN ME



Try practicing your 7 times table in the car, while eating breakfast, on the way to school...

Scan here for TTRS

We will be exploring multiplication this term, focusing on working out all the factors of a number!

Try this at home!

Roll a dice twice to generate a 2-digit number.

How many factor pairs can you think of for your number?

Factors

A factor can be used to divide a number and produce a whole number answer. Factors come in pairs.

What are all the factors of 12?

12
 12 ÷ 1 = 12

6
 12 ÷ 2 = 6

6
 12 ÷ 2 = 6

4
 12 ÷ 3 = 4

The Factors of 12 are:
 1, 2, 3, 4, 6 and 12

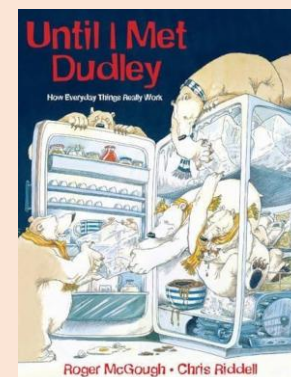
Remember:

A **factors** is a number that is multiplied with another, making a product.

English

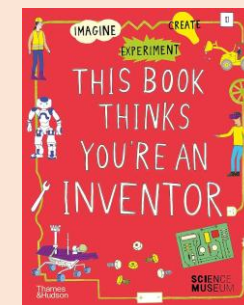
We will be developing our single and multi clause sentences to include subordinating clauses and conjunctions to add more information.

We will also be using paragraphs to organise ideas around a theme and use a full range of punctuation to demarcate sentences.



We are exploring explanation texts and understanding their purpose to inform reader about useful information.

We will be writing an explanation text to go alongside an imaginative invention we will create.



Handwriting Challenge!

Can you use your brilliant kinetic letters to write a sentence about your time in Year 4 so far?

Spelling

How many of these Year 3/4 words are spelt correctly?

Spelling challenge — can you read and spell these words below?

century	certain	circle	complete
consider	continue	decide	describe
different	difficult	disappear	early
earth	eight	eighth	enough



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DT



In DT, we will be exploring mechanisms. By the end of the term, we will be learning how to use cutting and joining techniques with a range of materials to better understand the purpose of hinges. We will learn how to recognise types of hinges and their common uses.

How many hinges can you spot in your house?

In order to practically create some hinges of our own later in the term, the children will require boxes that are ideally no bigger than 30cm.

Please could you have a look and see if you have any boxes similar to the one below, we will send out a message later in the term to arrange for them to be brought in. The children will be using these boxes to create a hinged lid, similar to a shoe box.



We will be learning how to say the words for clothes in French.

Can you match the item of clothing to the French words?



Un short
Un t-shirt
Un chapeau



French

SCAN ME



Art

Make your own viewfinder!



In art, we will be examining in detail a part of a flower using magnifiers and viewfinders before sketching and then enlarging it. We will develop the techniques of overpainting and wet-on-wet, as well as make tertiary colours. We will respond to the work of artists.



Computing

This term, we will be widening our understanding of the internet as a network which needs to be kept secure. We will be exploring the World Wide Web to help us understand what content is honest, accurate or reliable and understand the consequences of false information on the internet.



Science

In science, we will be learning how to compare and group materials together, according to whether they are solids, liquids or gases.



SCAN ME

liquid



takes the shape of the container

- can flow
- has a fixed volume
- particles **very close** but **not fixed**

water is a liquid
blood is a liquid

gas



will escape from a container

- can flow
- no fixed volume
- particles **moving apart** quickly

water vapour is a gas
air is a mixture of gases
carbon dioxide is a gas

solid



has its own shape

- it can't flow
- has a fixed volume
- particles **very close** and have a fixed position

tricky ones

a football is a solid
sand is a solid
fabric is a solid

We will learn how these states of matter change when they are heated or cooled.

For example when water is frozen it changes from a liquid into a solid called ice.