

Here is some information about our learning this term.



Year 5



Science this term focuses mostly on materials and their properties. With this being a highly practical unit of work, it lends itself ideally to the kitchen, exploring the following concepts:

Separating materials - using sieves, filter paper, decanting settled materials such as flour mixed with water

Changes in state – from solids to liquids to gases and their reverse! Explore melting, boiling, condensing and freezing in the kitchen using different materials.

<https://www.theschoolrun.com/what-are-states-matter>

reversible and irreversible changes – explore what changes in the kitchen can be reversed (ie/ water changes of state) and which can't (ie/ making toast). Think about the chemistry behind this

<https://www.bbc.co.uk/bitesize/topics/zity4wx/articles/zk9mt39>

In RE we will look at Jesus' role as a teacher, Jesus' skills as a great we will consider carefully the messages of the parables and how they impact on the lives of practising Christians. You can explore different aspects of RE here <https://classroom.thenational.academy/subjects-by-key-stage/key-stage-2/subjects/religious-education> Leading up to Easter, we will tell the Easter story <https://www.bbc.co.uk/teach/class-clips-video/religious-studies-ks1-the-christian-story-of-easter/zhg47h> and explore how these events portray Christ's victory over death. We will make links to our own personal experiences of victory.

Humanities has a Geography focus this term all about South America. We will be discovering the position of South America in the world exploring lots of new vocabulary including lines of latitude and longitude and biomes. You might like to take a look at these websites to learn more.

<https://www.bbc.co.uk/bitesize/topics/zvsfr82/articles/zd4rmfr>

<https://classroom.thenational.academy/units/biomes-bd47>

We will be using an atlas to study the continent's countries, rivers and mountains before moving on to comparing the human and physical features of Argentina with England. You could research South America at home, make your own map or put together a fact sheet or perhaps study the Amazon rainforest.

https://schoollearningzone.co.uk/key_stage_two/ks2_geography/south_america/south_america.html

<https://classroom.thenational.academy/units/building-locational-knowledge-south-america-f4d0>

This term in computing the children will be working on coding with microbit and also stop motion animations. To learn a little more about microbit, why don't you try out this website:

<https://makecode.microbit.org/>

We will be having two PE sessions per week. This term we are covering fitness and games. Fitness will be a continuation from last half term, working on cardio, strengthening and flexibility exercises. In games, the children are fortunate enough to have Mrs Royle to teach them all about tag rugby. Our PE sessions are on the same days as last term. If you wish to find out more about tag rugby, the following link will give you some insight. <https://www.youtube.com/watch?v=cjrFE0ooe7g>

In English, we are working on the text Arthur and the Golden Rope which tells the story of a little boy who finds himself fighting a mythical beast alongside the mighty Thor. To support at home, you could read some more Norse myths or even have a movie day watching the Avengers! Our writing will focus on narratives specifically myths, so you could retell a myth you have read or even write one of your own. Perhaps you can design a new mythical beast to feature in it using quality adjectives and adverbs to describe it. Next half term, we will be reading a biography text with a galactic twist. We will be learning about the early life of a real person and focus on how to write factual information using brackets too. To support at home, you can share biographies of famous people of interest to see how the text is set out and punctuated. Research into the life of astronauts including Neil Armstrong, Chris Hadfield and Buzz Aldrin will also be useful.

<https://www.bbc.co.uk/teach/class-clips-video/english-ks2-viking-sagas/zvrmy9q>

<https://classroom.thenational.academy/units/inspirational-figures-biographical-writing-5739>

<https://www.bbc.co.uk/bitesize/articles/zcnbn9q>

Please continue reading and comprehension skills through reading plus at home. It is important at Year 5 that children experience a range of authors and text types to provide inspiration and a model for writing. This range can include children's classics, diaries, biographies, comics, information texts, short stories and poems.

<https://www.booktrust.org.uk/booklists/1/100-best-books-9-11/>

<https://schoolreadinglist.co.uk/reading-lists-for-ks2-school-pupils/suggested-reading-list-for-year-5-pupils-ks2-age-9-10/>

https://www.oxfordowl.co.uk/for-home/find-a-book/library-page/?view=image&query=&type=book&age_group=Age+9-11&level=&level_select=&book_type=&series=#

Spellings will continue to be worked on in class weekly. The spellings we focus on are linked to our current text in English and the Year 5 and 6 word list. You will find a list of words to learn by the end of KS2 here https://cdn.oxfordowl.co.uk/2019/08/29/13/56/09/5a42eb6a-f57f-4dc4-a66e-bd4c5e27e4b7/SpellingWordList_Y5-6.pdf We are encouraging you to use these words in writing as well as words which include prefixes and suffixes.

<https://classroom.thenational.academy/subjects-by-key-stage/key-stage->

Music will focus on specialist teaching on Taiko drumming this term. Every Monday, the children will have the opportunity to practice and learn all about the Japanese form of drumming, learning different words and rhythms and hopefully performing by the end of the term. This website will give you more information:

<https://www.bbc.com/travel/article/20231020-japans-ancient-art-of-taiko->

French lessons will focus on all things sport. We will broaden vocabulary through speaking, listening and writing. Not only will we learn how to say a range of different sporting activities, we will also learn how to express likes and dislikes. The second term will focus on healthy eating. As always, Linguascope is available outside of the classroom <https://www.linguascope.com/>

Art will involve sketching and painting this term. We are delighted to welcome Mr Corcoran back to guide us through a full day of painting looking at landscapes and the work of Turner. Perhaps you can get a head start by looking at some of his work. <https://www.tate.org.uk/kids/explore/who-is/who-jmw-turner> We will also be developing sketching skills. Here are some lessons for you to try at home <https://www.youtube.com/channel/UCp5WPZSyntldr19rGU1nKQ>

Maths

In Maths this term we will be focusing on Multiplication and division, Fractions and decimals. We have spent some time finding out our strengths and weaknesses in terms of our times tables fluency. You MUST keep working on this. Continue to use TT rockstars and some of the websites below to get yourselves super quick ready for Year 6!

<https://www.timestables.co.uk>

<https://www.topmarks.co.uk/maths-games/7-11-years/times-tables>

<https://www.mathschase.com/start/>

you could also print out and use a multiplication grid to help you. Stick it on your bedroom wall and practise each day. Remember to also practise associated division facts too!

<https://www.math-salamanders.com/times-table-grid.html>

The fractions curriculum for Year 5 is a big step up from year 3 and 4 and is often the area students struggle with the most. Please use the really useful website below which has interactive games for all the Year 5 skills we will be learning during the term. You can also access decimals activities here too.

<https://uk.splashlearn.com/fraction-games-for-year-5>

ICT games also has a range of interactive games

<https://ictgames.com/mobilePage/fractions.html>

A month-long subscription to a place such as 'Twinkl' is also worth looking into. Download everything you need and then simply cancel the subscription!

DT

In D&T this term we will be making mechanical systems, using gears and pulleys. The finished product will be a car.

The children will be using their scientific skills to attach a working electric circuit to the car and will then evaluate their finished product in small groups. Feel free to use the following website to recap their electricity skills –

https://learningcircuits.co.uk/circuit_builder

PSHE will focus on dreams and goals, linking nicely with our value of 'perseverance' this half term. We will investigate jobs and careers as well as how to support each other in the challenges we face. We will also look at health, linking nicely to our DT work, although we will also consider the dangers of alcohol and tobacco as well as promoting a healthy body image.