



Year 5 Autumn 2

Knowledge Organiser



Science Our science topic for the next term is all about properties of materials.

Key Knowledge

- Materials have different uses depending on their properties and state (liquid, solid, gas). Properties include hardness, transparency, electrical and thermal conductivity and attraction to magnets.
- Some materials will dissolve in a liquid and form a solution while others are insoluble and form sediment.
- Mixtures can be separated by filtering, sieving and evaporation.
- Some changes to materials such as dissolving, mixing and changes of state are reversible, but some changes such as burning wood, rusting and mixing vinegar with bicarbonate of soda result in the formation of new materials and these are not reversible.

Key Vocabulary

Thermal/Electrical
Conductor/Insulator
Change of state
Mixture
Dissolve
Solution
Soluble
Insoluble
Filter
Sieve
Reversible change

History We will continue to learn about the second World War. Our enquiry question is 'What made World War Two a significant period in British history?'

Key Knowledge

- World War 2 began in September of 1939 when Hitler's army invaded Poland
- The Battle of Britain took place between July and October 1940. After The Battle of Britain, the German airforce (Luftwaffe) was severely weakened.
- Children from British cities were evacuated to the countryside for their safety. The organised rescue of children from Nazi Germany was known as Kindertransport.
- Not all British men went to fight as many had vital roles in Britain. Many women worked to keep the country running. They took on roles that women had never done before.

Key Vocabulary

Hitler
Luftwaffe
Evacuation
Evacuee
Kindertransport
Antisemitism
Land Army
Holocaust

French We will be identifying significant places which can be found in a city centre or local area.

Key Knowledge and Learning

- Paris is the capital city of France: Bienvenue a Paris, la capitale de la France.
- Some of the significant places in Paris are La Tour Eiffel, La Seine, Gare Due Nord, Le stade de France, Le metro
- Asking for a ticket e.g Je voudrais un ticket pour le zoo s'il vous plait.
- Giving simple directions in French e.g Ou est Boulevard de L'Hopital?
- Giving simple descriptions of Middlewich: Dans ma ville, il y a...
- Buying an item and asking for the price: Combein coute...

Key Vocabulary

Bienvenue a Paris, la capitale de la France.
Je voudrais un ticket pour
Ou est
Dans ma ville, il y a
Combein coute

Art—This half term, we will be focusing on the artist, Henri Rousseau.

Key Vocabulary

Colour
Tone
Tints
Shades
Variations
Post-impressionist

Key Knowledge

- Henri Rousseau was a post-impressionist French painter. He lived from 1884—1910. He had many jobs including being a saxophonist. He didn't become a painter until he was 40. He was self taught.
- His best known paintings depict jungle scenes.
- He was inspired by illustrations in children's books and the botanical gardens in Paris.

Computing - This half term, we will be using word processing software.

Key Vocabulary

Caps lock
Copy and paste
Document
Font
Hyperlink
Formatting
Text wrapping
Word processing tool

Key Knowledge

- Images can be added to, and edited in, a word document.
- Words can be wrapped around images and text within a word document.
- Word documents can have extra features to enhance it's look or usability.
- Templates are used to create documents with specific audiences in mind

Music Our lessons this half term will be focusing on the Blues.

Key Vocabulary

Blues
chord
12-bar Blues
bar
scale
Blues scale

Key Knowledge

- Blues music can involve improvisation.
- Blues music originated from music sung by black Africans who were taken to be slaves in South America (Brazil), North America and the Caribbean islands.
- A chord is two or more notes played at the same time.

Other relevant information for this half term

English—This term we will be reading 'The Lion and the Unicorn' and 'The Nutcracker, while continuing to focus on our grammar and punctuation.

Spelling—Children need to practice the year 5/6 spelling lists that will be in their homework books. They need to know half of these by the end of year 5.

Reading— Children need to read at home and have their reading diaries signed 4 times a week. Children, who don't read at home, will read in Catch Up Club on a Friday.

Maths—This half term, we will be working in our Power Maths books on with multiplication, division and fractions. Times Table Rock Stars logins are in children's reading diaries.

PE—The focus this term is dance. PE will be on a Thursday, however this can change from week to week. Children's PE kits should be in school every day.

RE—This half term, the children will be learning all about the religion of Islam. We will be learning about why the Qu'ran is so special to Muslims and how and where Allah is worshipped.

Homework— Homework will be sent home on a Friday to be returned the following Wednesday. Children who do not complete their homework will need to attend Catch Up Club.