

Willow Class

Spring 2023

Science

Forces and magnets

In this topic we will compare how things move on different surfaces. Children will observe how magnets attract or repel each other and attract some materials and not others. They will find which materials are attracted to a magnet. They will apply this knowledge to create fridge magnets and compasses.

Key vocab: force, repel, attract, pole, friction, field

Diversity: looking at a range of significant people

Electricity

In this topic we will identify appliances that run on electricity. We will construct circuits, naming the components and identify whether a light will turn on.

Key words: circuit, switch, conductor, insulator, series



PSHE

Online Safety- to recognise the dangers of the internet and what they can do to keep themselves safe.

Mental Health- To understand what good mental health might look like and exploring techniques to help them develop good mental health.

Computing

This term we will be exploring programming. Pupils will write their own coding and practice finding and correcting bugs with a code.

French

This term we will focus on colours, emotions and objects around the classroom

Music

The focus of this term will be performance skills and improvisation through different pieces of music and exploring different music styles.

Key vocab: pitch, pulse, compose, evaluate, improvise, crotchet, quaver, length
Diversity: appraising the music of a range of artists and exploring the reggae style.

Art and DT

In art we will doing collage which will include the use of textiles and printing as well as exploring sculpture. In DT we will be exploring the mechanics of levers and look at how food can affect your mind and body.

Key vocab: texture, pattern, composition, evaluation, function

Maths

Year 4 will be taking part in the national multiplication test at the beginning of June. By this time, they should be able to recall all times table's facts up to 12x12 within 6 seconds. Please make sure they are practicing at home. Sound-check on TT Rockstars is great for this.

Multiplication and Division

To use arrays to understand multiplication and explore division through grouping and sharing. To build on their times tables knowledge and understand how multiplication and division are related.

Key vocab: represent, correspond, greater than, less than, equal, inverse, exchange, array, lots of, more, less, remainder

Length and perimeter

To convert between units of measurement (mm, cm, m, km) and to find the perimeter of rectilinear shapes.

Key vocab: scale, rectilinear, increase, compound shape

Fractions

To count forwards and backwards in tenths. Recognise, find and write fractions of a set of objects. We will then transfer this knowledge to find fractions of numbers. To find equivalent fractions as well as adding and subtracting fractions. Year 4 will also look at tenths and hundredths as decimas.

Key vocab: unit, non-unit, equivalent, numerator, denominator

RE

Hinduism: How does the story of Rama and Sita inspire Hindus to

follow their dharma? 

Sikhism: How does the teaching of the gurus move Sikhs from

dark to light? 

Diversity - stories from other religions, respecting and understanding different faiths and practices.

PE- gym, basketball, volleyball

Develop techniques specific to the area studied such as teamwork, flexibility, strength and control. Compare their performances with previous ones and demonstrate improvement to achieve their personal best.

Key vocab: position, follow-through, aim, muscles, prepare, transition, flow, dynamics, tactics, defending

Diversity: Looking at professional players including wheelchair basketball.

P.E will take place on Tuesday and Thursday. Please ensure any earrings have been removed.



English

In Guided reading we will be using the text Funky Chickens. We will be focusing on the use of imagery and other devices which are unique to poetry. We will also be developing our critical thinking skills to develop our ability to express opinion and make comparisons.

In writing we will focus on the use of imagery through writing our own poems, looking particularly at personification and the conjunction with. As part of this we will be discussing writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar. We will also revisit explanations texts through our science topic.

Key vocab: personification, noun phrases, sentence structure, conjunctions (with, which, although, nevertheless), metaphors written Y4).

Diversity: texts- Funky chickens by Benjamin Zephaniah



History- Iron Age/Celts

We will identify and give reasons for the ways in which the past is represented and distinguish between different types of sources. We will also aim to order and connect important events within the time period.

Key vocab: iron ore, hillfort, artefact, druid, agriculture,

Geography- Around Britain

We will look at the human and physical features of the 4 countries that make up Britain. We will also explore what land is used for and try to explain why.

Key vocab: human and physical feature, land use, settlement, aerial, settlement

Diversity: use of pictures showing a diverse range of people and buildings.



Homework

Homework is set on a Friday and due in on the following Thursday. Homework might have a Maths or grammar focus. They may also receive a piece of text to read that they will then answer questions on in class.

They will also have weekly spellings to learn for their test on Friday and should read 5 times a week.