

Art-Architecture

Pupils will learn to draw by interpreting forms from direct observations and improve their mastery of art and design techniques, including drawing.

Children will build up to designing their dream house. They will need to consider: what it would look like; the materials they'd use; who would use the building and what they would need to have in the building.



Topic Map: Year 6



'Twist and Shout'

Term: Summer 1



Computing

Children will use Microsoft Power Point or Word to create a presentation. They will review and improve their presentations with audience in mind before making them available via school website. Children will be using Purple Mash to design their own quiz, and learning how to set up their own database using Excel. They will create a website with a range of media, choosing applications to communicate to a specific audience, and evaluate own content and consider ways to make improvements.



Music - Exploring Musical Processes

The Beatles 'Twist and Shout'

Children will participate in whole class singing and body percussion. They will begin to develop ensemble skills such as arranging, rehearsing, and performing. They will discuss chord patterns and learn lyrics and songs.

They will develop skills of using:

- Guitar
- Glockenspiels
- Xylophones
- Clarinet/flute/recorder



History-Beatlemania!

Children will be able to recognise the importance of artefacts and primary/secondary sources in helping us to learn about the past. They will know who John Lennon is and why he is important to the city of Liverpool. They will be able to recall some of the key events during Lennon's life using historical vocab and dates. Children will discover what John Lennon did after the split of The Beatles and why he continued to be an influential figure. They will investigate what happened to John Lennon and why it happened.



R.E - Witnesses

Children will know and understand:
The courage to be a witness.
Pentecost: the Holy Spirit enables people to witness to the Easter message.
The skills of assimilation, celebration and application of the above.



Healing

Children will know and understand:
When people become sick and need care
The Sacrament of the Anointing of the Sick.
The skills of assimilation, celebration and application of the above.

WOW Experiences

Visits to Windsor Gardens and Allotments

PE - Cricket and Dance

Pupils develop the range and quality of striking and fielding skills and their understanding of cricket. They learn how to play the different roles of bowler, wicket keeper, fielder and batter.

Pupils will focus on developing an idea or theme into dance choreography. They will work in pairs and groups using different choreographing tools to create dances e.g. formations, timing, dynamics.

MFL - French

Children are starting to learn phrases all about food and drink and how to order them in a restaurant, including several items at a time. They will learn how to say the different types of meals and ask what you want to eat or drink.



PSHCE - Relationships



Children will know that it is important to take care of their mental health. Children will understand that people can get problems with their mental health and that it is nothing to be ashamed of. Children will understand that there are different stages of grief and that there are different types of loss that cause people to grieve. Children will recognise when they are feeling those emotions and have strategies to manage them.

Class Novel/Book

Miss Peregrine's Home for Peculiar Children by Ransom Riggs

English



Balanced Arguments

Children will work in groups to hold a debate on various topics. They will focus on use of persuasive language and record the debates in various ways-writing, filming, voice recording etc. Children will explore and practise openers to join opposing or additional points of view.

They will explore a controversial issue (relating to our History topic-the Maya) through reading and discussing a wide range of texts providing examples of for, against and balanced views.

Children will be able to identify bias when considering a controversial issue and identify when it is appropriate to use formal and impersonal language.

They will capture ideas, language and learning to be able to use and apply in the writing phase.

Diary Entries

Through a hot seating activity children will devise questions and evaluate how effective these have been at extracting relevant information. They will demonstrate an understanding of the most effective questioning techniques to elicit high quality information.

Children will plan their own diary entry around a specific event and write a diary using notes made from research whilst using appropriate language and grammar



Mathematics

Position and Movement

In this chapter, pupils work with polygons on coordinate grids. They differentiate between translation and reflection before moving on to express movement using algebra. In the first lesson, pupils review negative numbers on horizontal and vertical axes. They then learn to describe the position of objects in relation to a common starting point. Pupils begin to use a coordinate grid from different starting points and recode the coordinates of the points. The coordinate grids become more complex as the chapter progresses, using all four quadrants and translating and reflecting objects.

Graphs and Averages

In this chapter, pupils will learn to present and interpret information in different ways. Pupils calculate mean in different situations and use the mean to find other information. They then move on to showing information on different types of graphs. They revise bar graphs, pictograms and tables, then spend several lessons drawing, reading and interpreting pie charts. Pupils begin with pie charts split into sections of equal size, then quickly move on to pie charts with different fractions of different denominators. They use fractions, percentages, angles and algebra during these lessons. Next, they focus on line graphs; drawing, reading and interpreting the information in them. Pupils begin with distance/time, then explore a variety of uses for line graphs, including converting units of measurement and currency.



Science



Animals Including Humans

Children will learn about historical health problems caused by poor diet, and how the work of scientists such as James Lind helped develop a better understanding of how diet affects health. They will then consider and describe how medical tests and trials might be conducted, or improved.

Children will learn about food groups: what they provide our bodies with, and what quantities of each we need in a balanced diet. They will then either design balanced meals or study food labelling.

Children will learn about the functions of the heart, lungs and circulatory system, then either draw and label diagrams, or perform a heart dissection to study its internal structure.

Children will learn about how muscles work, and how they work in groups to move the skeleton.

They will then explore in greater depth how blood flow increases to different muscle groups during different types of exercise.

Children will identify and name the main parts of the human circulatory system, describe the functions of the heart, blood vessels and blood.

They will recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. They will describe the functions of the heart, blood vessels and blood and the ways in which nutrients and water are transported within animals, including humans.