

Humanities: Should Kew Village be Closed to Traffic?

The children will learn:

- To look at an issue arising from how land is used. To undertake a decision-making exercise
- To look at changes in the environment
- How places can be managed and improved
- To draw up reasoned plans to identify solutions.
- To propose environmental change in an area

Maths: *The children will learn:*

- To identify and learn features of 3D shapes and describe 3D shapes using their properties – including identifying different nets of shapes and drawing these accurately.
- To solve problems using probability and calculate different outcomes as degrees of chance or as a fraction.
- Simple algebra and use algebraic formulae to solve problems. To write their own formulae to use as a rule for solving problems.
- Number sequences.
- To use and apply their maths knowledge to solve logic problems. To be able to explain their answers to problems stating clearly their method and mathematical reasoning.
- Revisiting formal and informal methods of calculating using the four operations, looking particularly at problem solving using measures.

Games /PE: Olympics Dance /Kwik Cricket/ Athletics Children will learn:

- To practice and modify aspects of an athletic event to achieve better results.
- To improve skills e.g. throwing and catching within the context of a game requiring quick reaction and hand-eye coordination.
- To create and structure motifs, phrases, sections and whole dances.
- Begin to use basic compositional principles when creating their dances.
- To evaluate, refine and develop their own and others' work

PSHE: What's a Drug?

The children will learn:

- To explore issues about drugs.
- To extend understanding of the range of drugs and the risks associated with their use.
- To identify some safety rules.
- To identify the effects of drinking alcohol and smoking cigarettes.
- To identify the reasons why people drink alcohol and smoke cigarettes.

Music: Instrumental performance

While orchestra plays the rest of the children will learn to perform together, preparing the percussion, guitar and singing parts for assembly hymns and songs. They will have the opportunity to perform in assembly this half term.



RE – Moses the Leader/Miracles

The children will learn:

- Understand the background to Moses becoming an important person in Christianity, Judaism and Islam. To understand and identify with some of the issues that faced Moses as a prophet chosen by God.
- To know the rules God gave to Moses & to understand the importance of rules for living in society today.
- To recognise that some of Jesus' miracles depended on the actions of others.
- To debate : “You can make miracles happen”.
- To understand how Jesus' resurrection affects Christians

Literacy: Information texts/poetry

The children will learn:

- To experience stories from other cultures – focusing on folk tales from West Africa and Caribbean folklore using the character, Ananse the trickster! To write their own Ananse tale as a modern story that teaches a moral.
- Demonstrate and illustrate the use of prepared scripts as the basis for a wide range of features on television, radio and other media. Consider these broadcasts, establishing and comparing purpose.
- Children listen to or watch and analyse broadcast information to identify techniques and styles. Demonstrate the application of playwriting skills (developed in previous years) to the writing of other forms of script. Children write own scripts and perform/record them.
- This unit will be followed by a study of, ‘There's a Boy in the Girls' Bathroom’, by Louis Sachar.

ICT: Spreadsheets / using editing software to edit a film **The children will learn:**

- Technique:** to enter formulae into a spreadsheet
- Technique:** to use 'SUM' to calculate the total of a set of numbers in a range of cells To sort data. To calculate the average of a range of data. To convert raw data into different graphs to present results in a suitable form.
- To change data in a spreadsheet to answer 'what if...?' questions and check predictions
- To use a video camera to film their own advert – based upon their script work in Literacy.
- To download their footage into a computer.
- To edit their advert using Movie Maker- inserting credits and music.

Art and Design – Musical Instruments:

The children will learn:

- To investigate, disassemble and evaluate a range of musical instruments in order to learn how they function. To relate the way things work to their intended purpose, how materials and components have been used, people's needs, and what users say about them. How the working characteristics of materials relate to the ways materials are used.
- How materials can be combined and mixed in order to create more useful properties.
- Skills from this unit will be incorporated into the Olympic week.

Science: Gases Around us

The children will learn:

- That there are many gases and many of these are important to us.
- That gases are formed when liquids evaporate.
- To carry out practical tasks to demonstrate that gases expand when heated.
- To understand and explain air pressure and recognise this phenomena in different situations.
- That air has weight and is all around us.
- To explain phenomena related to air in terms of scientific knowledge and understanding.