

Science Materials

Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.

Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.

Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.

Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.

Demonstrate that dissolving, mixing and changes of state are reversible changes.

Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary.

Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate.

Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.

Using test results to make predictions to set up further comparative and fair tests.

Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and a degree of trust in results, in oral and written forms such as displays and other presentations.

Identifying scientific evidence that has been used to support or refute ideas or arguments.

Design and Technology

Tudor Shirt

Design

Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. Use surveys and questionnaires as part of the research. Generate, develop, model and communicate their ideas through discussion, annotated sketches, prototypes and pattern pieces. Children learn that materials have functional and aesthetic properties

Make

Select from and use a wider range of tools and equipment to perform practical tasks. Use a range of stitches, cutting, shaping, joining and finishing accurately. Select from and use a wider range of textiles and threads according to their functional properties and aesthetic qualities.

Evaluate

Investigate and analyse a range of existing products

Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.

Food Technology

Tudor Feast

Understand and apply the principles of a healthy and varied diet and apply this understanding to a Tudor diet. Learn about foods grown in England at this time and the introduction of foods new to Europe following exploration. Prepare and cook traditional Tudor dishes using a range of cooking techniques safely and hygienically.

RE

To show understanding of the relevance of Sikh stories today

To understand the Hindu belief that there is one God with many different aspects

We are learning to question whether God intended Jesus to be crucified or whether Jesus's crucifixion was the consequence of events during Holy Week

Music

Class Orchestra – Ukulele

Introduction of some second position chords

Introduction to ukulele tablature

Introduction to music notation/note values

Blues/Soul/Rock

PSHE

Relationships

Online safety, mobile phones, roads, cycling, bodies,

Art Still Life

Pupils will look at the work of artists across different times and places ie Carl Warner, Cezanne, Hans Holbein, Pieter Claesz producing still life; they will learn about of composition, perspective, light and dark, moods and use this when discussing artists work. Pupil will take photographs and make detailed studies of natural forms in sketchbooks. They will explore techniques of layering and blending media such as pastels, charcoal, colour pencils, using hard and soft lead and cross-hatching. Work will show an increasing awareness in own drawings of texture, line, pattern and shape, and colour. Children will plan and paint still life compositions based on their own observations, showing an awareness of perspective. They will handle paint with increasing control, using subtle variations in colour.

History Tudors

Chronological Understanding

Know and sequence key events of time studied. Relate to previous studies (including Mayans, Victorians and Romans) and begin to make comparisons between different times in history.

Knowledge and understanding of events, people and places

Children will study an ancient civilization in detail including the different aspects of life of people such as hierarchical differences in Mayan civilization. They will begin to compare and contrast this study with previously studied civilizations.

Historical interpretation and enquiry

Children will use a variety of sources to construct an idea of the time being studied.

Identify primary and secondary sources and discuss their reliability ie conquistadores.

Organization and Communication

Work independently and together to communicate knowledge and understanding in different ways.

PE

Games – NC linked to REAL PE Scheme

Use running, jumping and throwing in isolation and in combination.

Play competitive games, modified where appropriate (e.g. badminton, basketball, cricket, football, hockey, netball, rounders and tennis) and apply basic principles suitable for attacking and defending.

Take part in outdoor adventurous activities individually and in a team.

Compare their performances with previous ones and demonstrate how they can improve in order to achieve their personal best.

Gymnastics – bridges

To use balancing on different body parts to create bridge shapes both as individuals and with a partner

To sustain concentration and practice to improve the quality and accuracy of their movements

To work co-operatively with a partner and create a sequence showing planned variations in level, direction and shape

To understand the compositional principles of sequencing and recognize when something is absent

Dance – Tudor Dance and Street Dance

Modern Foreign Languages - French

Prepare and practice a simple conversation, re-using familiar vocabulary and structures in new contexts.

Understand and express simple opinions. Listen attentively and understand more complex phrases and sentences.

Re-read frequently a variety of short texts. Make simple sentences and short texts.

Write words, phrases and short sentences, using a reference.

Look at further aspects of their everyday lives from the perspective of someone from France.

Make a simple story book.

Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases.

Appreciate simple stories, songs, poems and rhymes in French.

ICT

Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.

Use sequence, selection, and repetition in programs;

Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

Understand computer networks including the internet; how they can provide multiple services, such as the world wide web.

Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.

Select, use and combine a variety of software (including internet services)

Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.