

## Autumn - The Ancient Mayans

### Main Learning Objectives

#### SCIENCE - PROPERTIES OF 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

#### HISTORY

##### THE ANCIENT MAYANS

- To learn about a non-European society that provides contrasts with British history – one study of the Mayan civilization c. AD 900. This will include learning about the Mayan people, homes, food, battles, art and music.

#### GEOGRAPHY

- Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn.
- use maps, atlases, globes and digital/computer mapping
- to locate countries and describe features studied

### Main Learning Objectives

#### SCIENCE - PROPERTIES OF MATERIALS

- 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.

#### CITIZENSHIP - DEMOCRACY

- To reflect on spiritual, moral, social, and cultural issues, using imagination to understand other people's experiences;
- To resolve differences by looking at alternatives, making decisions and explaining choices;
- To understand what democracy is, and about the basic institutions that support it locally and nationally

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## MUSIC

- Develop an understanding of the history of music.
- play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
- Improvise and compose music for a range of purposes using the inter-related dimensions of music

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## RE

### CHRISTIANITY and JUDAISM

- To understand what the word inspiration means and relate it to Jesus as an inspiration to Christians.
  - Moses and Judaism in relation to the 10 commandments
  - The rules and laws that govern our current lives.
  - Understanding how the 10 commandments are still used today.
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## ICT

### CODING USING SCRATCH

- use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs
- use sequence, selection, and repetition in programs; work with variables and various forms of input and output
- use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

## ART & DESIGN

- to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, paint, oil pastels]
- about great artists, architects and designers in history e.g. Mayan Frescos
- Design and create Mayan masks using mod rock

## ICT

### USING A RANGE OF DIGITAL DEVICES AND SOFTWARE USING IMOVIE

- select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals,

### Internet Safety

- Children to learn about how to keep safe online

