



Year 3 Spring 2

Knowledge Organiser



Computing We will learning how to use spreadsheets.

Key Knowledge

A spreadsheet is a computer program that represents data in cells in a grid of rows and columns.
Cells in advanced mode have rows labelled with numbers, and columns labelled with letters.
So, each cell has a number and letter. For example, A1 or D7.

Key Vocabulary

Rows
Cell
Table
Data

Science We will be learning about light. When is our classroom the darkest?

Key Knowledge

We see objects because our eyes can sense light.

Dark is the absence of light. We cannot see anything in complete darkness.

Some objects, for example, the sun, light bulbs and candles are sources of light. Objects are easier to see if there is more light.

Some surfaces reflect light. Objects are easier to see when there is less light if they are reflective.

The light from the sun can damage our eyes and therefore we should not look directly at the sun and can protect our eyes by wearing sunglasses or sunhats in bright light.

Key Vocabulary

Light, light source,
dark, absence of light,
transparent, translu-
cent, opaque, shiny,
matt, surface, shadow,
reflect, mirror, sun-
light, dangerous

Music We will be learning pentatonic melodies and compositions

Key Knowledge

To know that the word 'crescendo' means a sound getting gradually louder.

To know that some traditional music around the world is based on five notes called a 'pentatonic' scale.

To understand that a pentatonic melody uses only the five notes C D E G A.

Key Vocabulary

Tempo
Crescendo
Dynamics
Timbre

DT Can I make an electric poster?

Key Knowledge

- I can review my initial ideas against the design criteria.
 - I can provide and respond to peer feedback.
 - I can develop an initial idea into a final design.
- I can evaluate my final design against the design criteria.

Key Vocabulary

Design
Information
public
Develop
feedback

PSHE—We will be learning mental health and the importance of well-being.

Key Knowledge

Mental health is our emotional, psychological, and social wellbeing. It affects how we think, feel, and act. It is the health of your mind.

Key Vocabulary

Psychological
Social

RE—What does it mean to be a Muslim?

Key Knowledge

Muslims believe that Muhammad (pbuh) is a messenger of Allah (God). The 'Night of Power' is believed to be when Muhammad received messages from Allah. He shared these messages and people wrote them down. This later became the Qur'an. The Qur'an is the holy book of Islam and it is treated with great respect as they believe it to be the exact word of Allah.

Key Vocabulary

Messenger
Qur'an
Allah
Muhammad

Other relevant information for this half term

English—This term we will be exploring the exciting story of 'The Secret of Black Rock,' and using it to inspire our own descriptive and narrative writing.

Spelling— It is vital that children learn the year 3/4 statutory spellings and know the spelling rules associated with these words to apply to new and unfamiliar spellings. We will study these spellings and those with similar spelling rules and letter patterns in both spelling and handwriting lessons.

Reading— We cannot stress enough that children need to read and have their reading diaries signed 5 times a week. Children who don't read at home will read in Catch Up Club.

Maths— Multiplication and division will be the focus for this half term. We will also be solving problems and looking at measure.

PE—The focus this half term is swimming which will take place every Wednesday

Computing—This half term we will be focusing on the importance of spreadsheets.

French—Our French topic is Carnival and number.

Art—We will be painting and focusing on sketching techniques.

