Year 2 - Maple - Autumn Curriculum Overview

'Each and Every Child' ... EXCELLENCE - TRUST - WISDOM - FRIENDSHIP - ENDURANCE

Science

Unit: Plant Growth

- Know that a seed is living and is made up of different parts.
- Know that germination is the development of a plant from a seed.
- Know that some plants can grow from bulbs.
- Know that all plants need water, light and suitable temperature to grow.

Needs of Animals:

- Know that food and water are natural resources.
- Know what animals, including humans, need to survive.
- Know the importance of diet, exercise and hygiene for humans.
- Know that animals, including humans, produce offspring that grow into adults.

History

Unit: Walter Tull

- Know about Walter Tull's footballing and military achievements.
- Know the similarities and differences between football today and in the early 1900s.
- Know that Walter Tull suffered racism in the early 1900s and that racism continues to exist in sport today.
- Know how WWI impacted on Walter Tull's life.

Geography

Unit: Food

- Know that the four countries of the UK have large rural areas of farmland which benefits urban areas.
- Know that farms in the UK produce products that end up in our shops.
- Know that food is grown in different countries and continents around the world.
- Know that oceans are a major source of food for the entire world.
- Know that climate affects where food comes from.

Computing

Unit: Digital Photography

- **Know that some digital devices can capture images using a camera and understand how to navigate the camera application**
- **Know how to:**

  -capture a photo
  -hold a device safely
  -focus, zoom and review photographs
  -delete photographs

- Know when to choose a landscape or portrait photograph and that all photos can be changed through editing and apply this to their work by cropping or recolouring.
- Know the features of a good photograph.
- Know that some images are not real.
- Know a computer can be used to create a piece of music for a purpose.
- Know that there are patterns in music and consider how different musical sequences create

Information: Technology Around Us

Art and DT

Art Unit: Portraits: Drawing, Photography/Mixed Media Andy Warhol

By the end of this unit pupils will know that :

- Identify line, shape and colour, and explore these elements.
- Knows that blue, green and purple belong to the cool colour family. Red, orange and yellow belong to the warm colour family.
- Know when to use thick and thin brushes as appropriate.
- Know collage is the art of using elements of paper to make images.
- Identify how to create texture by cutting, tearing and layering materials to create collages.

Mechanisms: Designing, Making and Evaluating:

Religious Education

Unit:
Holy Books

- that the Bible is the Christian holy book
- that the Bible is a library of books.
- that followers of Islam read a holy book called the Qu'ran.
- that followers of Sikhism read a holy book called the Guru Granth Sahib.
- That there are similarities and differences between holy books

Good News

- that Christians believe that the birth of Jesus is good news.
- that angels brought the good news to Mary and the shepherds.
- that Christians believe Jesus is the saviour of the world.

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Know different types and features of information technology and how they are used. Know how rules for using information technology can help us and keep us safe and recognise that choices are made whilst using information technology. Know how information technology benefits us.	**Wheeled Toy** • Know the terms wheel, axle and axle holder. • Know the purpose of a wheel, axle and axle holder and demonstrate how these are used. • Know the difference between fixed and freely moving axles. • Know how to apply their knowledge of wheels and axels to make a wheeled toy.	