

Year 4: Term 1

In Pastures Green

Science: STATES OF MATTER - SEE SCHEME OF WORK FOR MORE DETAILS

- Compare and group materials together, according to whether they are solids, liquids and gases.
- Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (oc)
- Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

ICT Opportunities Handling Digital Data

- Create a range of different types of graph and chart with software
- Create line graphs from data

ICT Opportunities: Digital Media and Tools

- Explore the variables in a range of simulations and relate to real life situations
- Create digital graphics and animations for a purpose –eg to explain a process

History:

THE ANGLO-SAXONS

- Learn about the Roman withdrawal from Britain in c 410AD and the fall of the western Roman empire.
- Place the Anglo-Saxon era on a timeline and understand it followed the Roman Empire.
- Understand why people leave their homeland to settle in another country and relate it today.
- Understand why Anglo-Saxons invaded and where they settled.
- Know the Anglo-Saxon settlements and place them on a map.
- Learn about Anglo-Saxon village life.
- Learn about the Christian conversion.
- Study Canterbury Cathedral and its position as the HQ of Christianity.
- Find out about art in Anglo-Saxon times.

Geography:

THE CITIES AND COUNTIES OF THE UNITED KINGDOM

- Locate the main cities in the UK.
- Identify some major landmarks of the main cities.
- Give reasons why people settle in the main cities.
- Identify some of the main counties and label them on a map.
- Know which counties the main cities are located in.

ICT Opportunities: Digital Publication and Presentation

- Plan, create and edit publications for a specific audiences/purpose
- Use tables, text boxes, graphics and borders to layout content to communicate effectively

ICT Opportunities Digital Research

- Use online tools and applications to explore information- eg mapping tools
- Use search tools within individual websites and digital libraries

DT:

MAKE A POP-UP BOOK ABOUT THE ANGLO-SAXONS (YOUTUBE)

- Investigate and evaluate packages with lever and linkages systems.
- Measure, mark out, cut and shape a range of materials, using appropriate tools, equipment and techniques.
- Join and combine materials and components accurately in both temporary and permanent ways.
- Know how simple mechanisms can be used to produce different types of movement.
- Use and explore complex pop-ups.
- Use simple graphical communication techniques.
- Evaluate pop-up books.

ART:

LOWRY (LINK INTO WORK IN GEOGRAPHY)

- Experiment with ways in which surface detail can be added to drawings.
- Begin to show an awareness of objects having a third dimension.
- Apply tone in a drawing in as simple way.
- Apply a simple use of pattern and texture in a drawing.
- Experiment with different effects and textures using paint.
- Use knowledge of primary and secondary colours.
- Mix and use tints and shades.
- Learn about great artists in history

ICT Opportunities: Digital Media and Tools

- Create and manipulate digital graphics and animations for a purpose –eg to create a design

ICT Opportunities: Digital Media and Tools

- Create and manipulate digital graphics for a purpose –eg to explore an artistic style

Music: FOCUS STUDY: FOLK MUSIC

- Play in solo and ensemble contexts, playing music with increasing accuracy and fluency.
- Improvise and compose music for a range of purposes.
- Listen with attention to detail and recall sounds.
- Appreciate staff and other musical notations.
- Appreciate and understand a wide range of high quality live and recorded music from different traditions, great composers and musicians.
- Develop an understanding of the history of music.

ICT Opportunities: Digital Media and Tools

- Edit and insert sound files
- Create and edit musical sequences with several tracks

P.E: games, gymnastics, dance (see the P.E folder for more detail)

- *ICT Opportunities: Digital Media and Tools* - Change the basic settings on a digital camera including flash, macro, zoom etc and take a photo for a purpose

Computing: 1st Half - Using Technology Safely

- Use a safe online social space (learning platform) to explore collaboration and networking
- Understand some of the issues around possible online deception
- Know about the KIDSMART rules and other e-safety portals
- Be able to describe how they would ask for support or help

Computing: 2nd Half - The Internet and Digital Research

- Know the basic structure of the Internet and World Wide Web
- Understand that information sources should be credited
- Understand that information the internet needs to be checked and evaluated

Entitlement and Enrichment

- Visit the British museum; Tate Britain; Science Museum.

R.E - SEE AGREED SYLLABUS

CHRISTIANITY - Unit 5.

R.E - SEE AGREED SYLLABUS

SIKHISM - Unit 1.