

REDESDALE PRIMARY SCHOOL

CURRICULUM PLANNING WEB

Y5 AUTUMN



LEARNING HOOK

Visit to Bede's World

Island Invasion



SCIENCE

Properties and Changes of Materials

We will sort and classify a range of materials and discover how to use different scientific instruments to separate materials. We will find out which materials cannot be separated and which can before considering why certain materials are used for certain everyday uses.

Living Things and their habitats

We will learn about the Science behind the Conker and find out about how Britain's Horse Chestnut Trees are in danger.

We will study the life cycle of the Horse Chestnut Leaf Miner Moth and become conservationists by studying our conker tree's leaf damage.

DESIGN TECHNOLOGY

We will create an Anglo-Saxon Ragdoll and learn how to manipulate textiles to create a product for a given purpose. We will learn how to use different types of stitch to join material and design a finish for the fabric.

COMPUTING

We will be using the programme scratch this term in computing to create our own video game in the style of PAC-MAN. The key skills for learning include:

- Designing and writing a programme
- Inputting sequences and repetition to simulate a system.
- Understand how algorithms work.

PE

This term in P.E we will be developing skills in attacking and defending whilst learning to play rugby. We will also be developing our strength, control and flexibility during dance.

FRENCH

This term in French we are learning the vocabulary for food and drinks. This includes how to ask for food and drinks developing conversations around this topic.

MUSIC

During Music this term we will be exploring rock Music from the 1980's. We will study the song Don't stop believing by Journey and focus on the features of a rock song by exploring artists such as Bon Jovi, Free, and survivor and understanding how these song are similar or different to each other..

HISTORY

Focus on the Anglo-Saxons and the Vikings. We will be studying how we can find out information from the past as well as understanding what life was like during this time. In order to enhance our learning and understanding of Anglo-Saxon life, we will be visiting Bede's World, where the children will have the opportunity to carry out a range of activities including

GEOGRAPHY

During our topic we will be looking at the different parts of England where the Anglo-Saxons settled. We will be identifying the names of the cities and how these names originated from some Anglo-Saxon tribes.

ART

Focus on Illuminated letters producing a range of artwork using a range of materials including: cellophane, paints, pencils, gel pens, tin foil and clay. We will look at the Limbourg Brothers, who used Illuminated letters and drawings in the middle ages, and explore the colours, lines and textures in their artwork.

RE

We will be exploring 'People's Perspectives and Impressions of Jesus.' We will also be looking at the people involved in the Christmas story as written in the Bible.

PSHE

- New Beginnings
- Say No to Bullying
- Getting on and Falling out
- Safety - how can I be responsible using my own judgement.
- Taking responsibility for my own safety-safe use of technology including mobile phones.
- Citizenship - respect for property.

Properties and Changes of Materials

- Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.
- Demonstrate that dissolving, mixing and changes of state are reversible changes
- Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic

Living Things and their habitats

- Describe the differences in the life cycles of a mammal, an amphibian, an insect & a bird
- Describe the life process of reproduction in some plants and animals.

DESIGN TECHNOLOGY

Make

- Select from and use a wider range of tools and equipment to perform practical tasks accurately
- Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities

COMPUTING

- Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.
- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

PE

- Play competitive games and apply basic principles suitable for attacking and defending.
- Perform dances using a range of movement patterns
- Compare their performances with previous ones and demonstrate improvement to achieve their personal best.

FRENCH

- Listen attentively to spoken language and show understanding by joining in and responding
- Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases
- Engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help

HISTORY

Pupils should be taught about:

- Roman withdrawal from Britain in c. AD 410 and the fall of the western Roman Empire.
- Scots invasions from Ireland to north Britain (now Scotland).
- Anglo-Saxon invasions, settlements and kingdoms: place names and village life
- Anglo-Saxon art and culture.
- Viking raids and invasion
- Resistance by Alfred the Great and Athelstan, first king of England
- Further Viking invasions and Danegeld
- Anglo-Saxon laws and justice.
- Edward the Confessor and his death in 1066.

GEOGRAPHY

- Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time

ART

- Children should create sketch books to record their observations and use them to review and revisit ideas
- Children should be taught to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]
- Children should be taught to learn about great artists, architects and designers in history.

MUSIC

- Play and perform, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.
- Listen with attention to detail and recall sounds with increasing aural memory
- Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians
- Develop an understanding of the history

RE

Describe the key aspects of religions, especially the people, stories and traditions that influence the beliefs and values of others.

PSHE

- Exploration and reflection upon issues through research, discussion and role-play
- Demonstrate empathy and sensitivity for the feelings of others.
- Explore through first-hand experiences (visits and visitors to school.)
- Citizenship - respect for property.