

Science – Materials and their properties

- Explore the properties of materials
 - Thermal conductors and insulators
 - Explore hardness of materials
 - Investigate solubility
- Explore how mixtures can be separated by filtering, sieving, evaporating or magnets

History – The Anglo Saxons

Attacks by land and sea, How did the migrations happen?
Connected kingdoms, The Angles, Mercia – a changing kingdom, What was found at Sutton Hoo?

Geography – Oceans

Seas, trade, climate, land-masses, climate change, human impact

French – I am the music man

- Name musical instruments, say simple phrases to introduce and explain and create a simple conversation.

PSHE – Family and Friends/Anti-Bullying

To consider their networks of people who are special to them, and how they are changing and developing in online and offline contexts.

To develop their skills in making new friendships, and in maintaining and coping with challenges in existing friendships and other relationships.

To explore how communication, empathy and compromise can be employed to sustain healthy relationships and reduce conflict.

English

Reading – Class text – ‘Cosmic’

- use inference to understand how a character is feeling, summarise key points from chapters, identify effective vocabulary and why it has been chosen.

Writing – Traditional tales (The Lost Happy Endings)

- Use expanded noun phrases to convey complicated information concisely
- Describe settings, characters and atmosphere
- Integrate dialogue to convey character and advance the action
- Use of inverted commas and other punctuation to punctuate direct speech



YEAR 5 AUTUMN 2

We will be learning to...

RE – Christianity: Incarnation

Was Jesus the Messiah?

Explain the place of Incarnation and Messiah within the ‘big story’ of the Bible.

- Show how Christians put their beliefs about Jesus’ Incarnation into practice in different ways in celebrating Christmas.
- Weigh up how far the idea that Jesus is the Messiah — a Saviour from God — is important in the world today.

PE –

Gymnastics, Hockey (and Forest School)

Maths

Multiplication and division

- Common factors
- Prime numbers, square numbers, cube numbers.
- Multiply and divide by 10, 100 and 1000.

Fractions

- Equivalent fractions (unit and non-unit)
- Converting fractions (mixed and improper)
- Order and compare fractions
- Adding and subtracting fractions (including mixed numbers)

Music – Celebrations

- Singing in three parts, use tuned instruments to accompany songs, performing ostinati and body percussion, performing.

Computing – We Are Architects

Use Trimble SketchUp to create their own virtual gallery.

Computer Aided Design – Children will create 3d art work and display it within a virtual gallery of their own making.

Design & Technology – Moving Toys

- Investigate, design, make and evaluate a moving toy using different cams.
- Develop and communicate ideas through discussion, annotated drawings, exploded drawings and drawings from different views.

