

Science

Earth and Space

Describe the movement of the Earth and other planets, relative to the Sun in the solar system. Describe the movement of the Moon relative to the Earth. Describe the Sun, Earth and Moon as approximately spherical bodies. Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

Forces

To explain that unsupported objects fall towards the earth because of the force of gravity acting between the earth and the falling object.

Identify the effects of air resistances, water resistance and friction that act between moving surfaces. Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have greater effect.

Working Scientifically

Skills: Plan different types of scientific enquiries to answer questions. Identify scientific evidence that has been used to support or refute ideas or arguments. Record data and results of increasing complexity using scientific diagrams and labels, tables and graphs.

RE

Forgiveness

Define forgiveness. Understand Jews follow the Ten Commandments and Yom Kippur. Understand Buddhists do not believe in god. Explore the eightfold path.

Computing

Online Safety & 3D Modelling – Sketch Up

Skills: understand computer networks including the internet. Use technology safely respectfully and responsibly; recognise acceptable/ unacceptable behaviour; identify a range of ways to report concerns about content and contact.

Art

Street Art

Skills: To create sketch books to record their observations and use them to review and revisit ideas. To improve their mastery of art and design techniques, including drawing and painting with a range of materials [for example, pencil, charcoal, and paint].



PE

Football, Fitness, Hockey & Yoga

Skills: Play competitive games modified where appropriate and apply basic principles for attacking and defending. Develop flexibility, strength, technique, control and balance.



Maths

Place Value

Use negative numbers in context & calculate intervals across zero. Read, write, order and compare numbers up to 10000000 & determine the value of each digit. Round any whole number to a required degree of accuracy.

Addition, Subtraction, Multiplication and Division

Solve addition, subtraction, multiplication and division multi-step problems in contexts, deciding which operations & methods to use & why. Perform mental calculations inc. with mixed operations & large numbers. Use knowledge of the order of operations to carry out calculations involving four operations. Multiply and divide multi-digit numbers up to 4-digit by 2-digit using formal written methods (long multiplication, short division and long division).

Fractions

Compare and order fractions including fractions >1 . Use common factors to simplify fractions; use common multiplies to express fractions in the same denomination. Add & subtract fractions with different denominators. Multiply and divide proper fractions.



Discover



YEAR 5 and 6

AUTUMN TERM 2021

'Out of this World'



English

Fiction - 'Theseus and the Minotaur' (Myth); The Saga of Biorn & 'A Monster Calls' (Horror)

Non-Fiction - Goldilocks (Newspaper Report)

Poetry - Viking kennings/imagery

Skills: Note and develop initial ideas, drawing on reading & research where necessary. Describe settings, characters and atmosphere and integrate dialogue to advance action. Use a wider range of devices to build cohesion across paragraphs. Access the effectiveness of their own and other's writing. Propose changes to grammar, vocab and punctuation to enhance effects and clarify meaning.

Music

Singing

Skills: Play and perform in solo and ensemble contexts, using their voices with increasing sing control, accuracy, fluency & expression. Listen with attention to detail and recall sounds with increasing aural memory.

History

Vikings

- Viking raids and invasion.
- Resistance by Alfred the Great and Athelstan, first king of England.
- Further Viking invasions and Denegeld.
- Anglo-Saxon laws and justice
- Edward the Confessor and his death in 1066.

Skills: Record knowledge and understanding in a variety of ways, using dates and key terms. Devise, ask and answer more complex questions about the past considering key concepts in history. Select sources independently and give reasons for choices. Analyse a range of source material to promote evidence about the past.

French

School Life

Skills: Listen attentively to spoken language & show an understanding by joining in and responding. Speak in sentences, using familiar vocabulary, phrases and basic language structures.



PSHE

Growth Mindsets

Residential: teamwork, perseverance, independence and collaboration

