

Mathematics

Number and Place Value: Numbers to 10000, Roman Numerals, Round to 10,100 and 1000, Numbers to 100,000, Numbers to a million, Counting in 10, 100, 1000, 10,000, 100,000, Compare and order numbers to 1000,000, Negative numbers

Addition and Subtraction: Add whole numbers with more than 4 digits, Subtract whole numbers with more than 4 digits, Round to estimate and approximate, Inverse operations, Multi step addition and subtraction problems

Statistics: Read and interpret line graphs, Draw line graphs, Use line graphs to solve problems, Read and interpret tables, Two way tables and Timetables

Multiplication and Division: Multiples, Factors, Common factors, Prime numbers, Square numbers, Cube numbers, Multiply by 10,100 and 100, Divide by 10,100 and 1000, Multiples of 10, 100 and 1000

Perimeter and Area: Measure perimeter, Calculate perimeter, Area of rectangles, Area of compound shapes, Area of irregular shapes

Science

To explore materials and their properties
Investigate the best materials for keeping things cool
To investigate the conductivity of materials
To investigate the process of dissolving
To explore how to separate materials based on their properties
To explore reversible and irreversible changes
To explore the differences between solids, liquids and gases

Religious Education

To explore creation – Genesis

Begin to identify what type of text some Christians say Genesis 1 is, and its purpose.

Make clear connections between Genesis 1 and Christian belief about God as Creator

Taking account of the context, suggest what Genesis 1 might mean, and compare their ideas with ways in which Christians interpret it, showing awareness of different interpretations.

To explore how science and religion can complement each other.

To explore cosmology and evolution

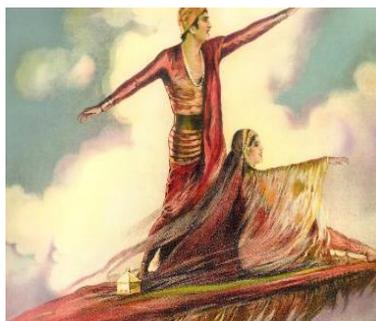
Looking at the amazing universe.

PSHE

To make targets for the year.
To explore ways to boost our self-esteem.
To take responsibility for our actions.
To understand how to show empathy.
To understand how to be a good listener.
To learn how to develop a growth mindset.
To use resilience to achieve our goals.
To show kindness towards myself and others.
How to control our temper.
Change starts with us (Anti Bullying Week).
To explore our rights and responsibilities.
To participate in Road Safety Week.



Y5 Autumn Term: A Magic Carpet Ride



Geography/History

Human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water

Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics

Anglo-Saxon invasions, settlements and kingdoms: place names and village life Anglo-Saxon art and culture

Changes in an aspect of social history, such as crime and punishment from the Anglo-Saxons to the present or leisure and entertainment in the 20th Century The achievements of the earliest civilizations – an overview of where and when the first civilizations appeared

A non-European society that provides contrasts with British history – one study chosen from: early Islamic civilization, including a study of Baghdad c. AD 900 Physical geography, including: climate zones, biomes and vegetation belts Locate the world's countries, using maps to focus on Europe

Physical geography, including: climate zones, biomes and vegetation belts Locate the world's countries, using maps to focus on Europe

(including the location of Russia), concentrating on their environmental regions, key physical and human characteristics, countries, and major cities

Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.

English

Non Fiction: Non-chronological report(Baghdad) Information Text: Anglo-Saxon leaflet

Fiction: Poetry, Setting Descriptions (Beowulf) Character: Ali Baba

Skills covered: Select vocabulary and grammatical structures that reflect the level of formality required

Recognising & using figurative language

Use show not tell to enhance writing

Varying the position of the subordinate clause in a sentence. Use of compound/complex sentences.

Choose thesauruses to use more ambitious vocabulary to edit and improve work.

Make informed choices of adverbials, pronouns, conjunctions and prepositions to build cohesion in writing.

Draft and write by using some organisational and presentational devices to structure text and to guide the reader

Use parenthesis mostly correctly and begin to use colons and semi-colons

Apply knowledge & understanding of spelling rules and patterns taught in Year 5 in independent writing.

D&T / Art

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.

To use a range of materials creatively to design and make products

To use drawing, painting and sculpture to develop and share their ideas, experiences and imagination.

P.E.

Circuits: Know and understand the basic principles of warming up, and understand why it is important for a good-quality performance
Design their own circuit to target particular muscle groups.

Netball: Develop a broader range of techniques and skills for attacking and defending-Know and apply the basic strategic and tactical principles of attack, and to adapt them to different situations
Choose and use information to evaluate their own and others' work

Gymnastics: Perform actions, shapes and balances consistently and fluently in specific activities on the floor
Choose and apply basic compositional ideas to the sequences they create, and adapt them to new situations

Football: Develop a broader range of techniques and skills for attacking and defending
Develop consistency in their skills
Know and apply the basic strategic and tactical principles of attack, and to adapt them to different situations

Computing

Design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting date and information (Excel Activity)

Music

Year 5 Production

Listen with attention to detail and recall sounds with increasing aural memory

Sing with expression and rehearse with others

MfL – French

Developing speaking and listening skills in French. Recapping past learning – colours, animals and weather.