

Year 5

English

Reading

- Apply knowledge of morphology & etymology when reading new words
- Reading & discuss a broad range of genres and texts
- Identifying & discussing themes
- Make recommendations to others
- Learn poetry by heart
- Draw inference & make predictions
- Discuss authors' use of language
- Retrieve & present information from non-fiction texts.
- Formal presentations & debates

Writing

- Secure spelling, inc. homophones, prefixes, silent letters, etc.
- Use a thesaurus
- Legible, fluent handwriting
- Plan writing to suit audience & purpose
- Develop character, setting and atmosphere in narrative
- Use organisational & presentational features
- Use consistent appropriate tense
- Proof-reading
- Perform own compositions

Grammar

- Use expanded noun phrases
- Use modal & passive verbs
- Use relative clauses
- Use commas for clauses
- Use brackets, dashes & commas for parenthesis

Speaking & Listening

- Give well-structured explanations
- Command of Standard English
- Consider & evaluate different viewpoints

- Use appropriate register

Art & Design

- Use sketchbooks to collect, record, review, revisit and evaluate ideas
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials

- Learn about great artists, architects & designers in history

These skills have been linked the creative curriculum under the following topics – Cycle 1 Autumn Under our Noses, Spring A Grecian Odyssey and Summer Vikings and Anglo-Saxons Cycle 2 Autumn Vicious Victorians Spring 3, 2, 1 Blast off! and Summer On Top of the World

Computing

- Design, write and debug programs, including solving problems; Use sequence, selection, and repetition in programs (Island Invasion, Victorious Victorians)
- Use logical reasoning ; Understand computer networks (Under Our Noses, On Top Off The World)
- Use search technologies (Through all topics)
- Select, use and combine a variety of software, including

Mathematics

Number/Calculation

- Secure place value to 1,000,000
- Use negative whole numbers in context
- Use Roman numerals to 1000 (M)
- Use standard written methods for all four operations
- Confidently add & subtract mentally
- Use vocabulary of prime, factor & multiple
- Multiply & divide by powers of ten
- Use square and cube numbers

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Design & Technology

- Use research & design criteria to develop products which are fit for purpose
- Use annotated sketches, cross-section diagrams & computer-aided design.
- Select & use a range of tools, equipment, materials and components
- Analyse & evaluate and improve own work
 - Use mechanical & electrical systems in own products, including programming
 - Cook savoury dishes for healthy & varied diet.

These skills have been linked in the creative curriculum under all topics

History

- Anglo Saxons and Vikings (Island Invasion)
- A study of Greek life and achievements; A non-European society that provides contrasts with British history –Mayan civilization c. AD 900 (A Grecian Odyssey)
- How an aspect of local area has changed over time (Under Our Noses)
- Significant Victorian Individuals (Victorious Victorians)
- Space-Neil Armstrong –Spacecraft- transport through the ages (3,2,1 Blast Off)
- Canal boats / cable cars – transport through the ages (On Top Off The World)

Science

Working Scientifically

Autumn 1 & 2: Animals including humans and living things and their habitats

Spring 1 & 2: Forces and Earth and Space

Summer 1 & 2: Properties and changes to materials and child-led investigations (linking to science fair)

- Asking simple Qs
- Observing
- Simple tests
- Identifying and classifying
- Using observations/ideas to suggest answers
- Gathering and recording data

Geography

- Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones ; Name & locate counties, cities, regions & features of UK (Island Invasion)
- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied (Under Our Noses)
- An environmental issue caused by a change; Physical features – (On Top Of The World)
 - Contrasting geographical features; Study a region of Europe, and of the Americas;
- Physical Geography; human geography (A Grecian Odyssey)
- Study at a range of scales; Local ordinance survey maps Compass work and grid references; Local area; Use fieldwork (Under Our Noses).
- Water and its effects on landscapes and people,; Use 4-figure grid references on OS maps; Use fieldwork; Physical geography (On Top Of The World)

Modern Languages

- Listen and engage
- Explore language through songs and rhymes
- Ask and answer questions
- Speak in sentences, using familiar vocabulary
- Develop accurate pronunciation and intonation
- Present ideas and information orally
- Read carefully and show understanding
- Appreciate stories, songs, poems and rhymes
- Broaden their vocabulary
- Write phrases from memory,
- Describe people, places, things and actions
- Understand basic grammar

Year 5 will be studying Spanish using the Española scheme

Music

- Play and perform using their voices and musical instruments
- Improvise and compose music for a range of purposes
 - Listen with attention to detail
 - Use and understand staff and other musical notations
 - Appreciate and understand a wide range of live and recorded music drawn from different traditions and from great composers and musicians
- Develop an understanding of the history of music.

Covered by Charanga Scheme of work and singing assemblies

Learning for Life

Healthy lifestyles, keeping safe, growing and changing, healthy relationships, feelings and emotions, valuing differences, rules, rights and responsibilities, caring for the environment, money

Physical Education

- Use running, jumping, catching, throwing and in combination.
- Play competitive games – enjoy collaborating and communicating with each other.

- Apply basic principles for attacking and defending.
- Take part in outdoor adventurous activities (Residential)
- Develop flexibility, strength, technique, control and balance
- Perform dances using a range of movement patterns
- Compare their performances and demonstrate improvement

Swimming and water safety

- Swim competently, confidently and proficiently over a distance of at least 25 metres
- Use a range of strokes effectively
- Perform safe self-rescue in different water-based situations.

Religious Education

- Recognise that some questions about life are difficult to answer
- Investigate and describe how sources of inspiration and influence make a difference to themselves and others
- Apply ideas and reflections to issues raised by religion and belief in the context of their own and others' lives
- Suggest what might happen as a result of their own and others' attitudes and actions
- Suggest answers to some questions raised by the study of religions and beliefs
- These key skills are covered in the key "Big ideas" of the phase:- God as Trinity, Jesus Christ, The Bible, The Church, Christmas, Easter. Additional themes include:- Christianity, Islam, Judaism, Hinduism and Comparative.