

Curriculum Overview Autumn Term Year 5

English

Reading

- Apply knowledge of morphology & etymology when reading new words
- Reading & discuss a broad range of genres & 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

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

Geometry & Measures

- Convert between different units
 - Calculate perimeter of composite shapes & area of rectangles
 - Estimate volume & capacity
 - Identify 3-d shapes
 - Measure & identify angles
 - Understand regular polygons
 - Reflect & translate shapes
- ### Data
- Interpret tables & line graphs
 - Solve questions about line graphs

Fractions

- Compare & order fractions
- Add & subtract fractions with common denominators, with mixed numbers
- Multiply fractions by units
- Write decimals as fractions
- Order & round decimal numbers
- Link percentages to fractions & decimals

Science

All living things:-

- Life cycles – mammal, amphibian, insect, bird
- Describe reproduction in some plants and animals
- Scientists to be studied David Attenborough and Jane Goodall

Animals including humans:- Changes as humans develop

Magnets (cross curricular link to Geography) HOOK – Life on Earth DVD Clips

History

Life in 14th century England, including: chivalry; the Black Death and the effect of a historical disaster; the Peasants' Revolt; Chaucer and his Canterbury Tales!

HOOK – Horrible Histories and Immersive Workshop

Art & Design

Landscapes and sketching – Van Gogh, Constable
Shading for effect
Proportion

HOOK – Art Gallery pictures

Design & Technology

Design and make a coat of arms in textile

Sewing a pocket

HOOK – Horrible Histories, Coat of Arms website

Modern Languages

Ou Vas-Tu? – Where are you?

Going to French Cities

Basic directions

Weather

On mange!

Shopping for food

Asking and saying how much something costs

Talking about party activities

Opinions of food and activities

HOOK – Rigolo 2!

Physical Education

Bullet 1

HOOK -

Computing

Bullet 1

HOOK -

Geography

climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle

human geography, including: settlements, land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals, and water supplies

Use the eight points of a compass, four-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world
HOOK – National Geographic

Music

Basic keyboard skills:

* Notes C and D

* Correct hand position

HOOK – hands on instrumental

Religious Education

Religion and the individual:

What does it mean to have faith?

explore what is meant by 'faith'

investigate what faith means in practice to people from different religions and secular backgrounds analyse and evaluate the findings of research reflect on their own responses What does faith mean to religious people?

HOOK – YouTube Clips

Curriculum Overview Spring Term Year 5

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Writing

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- Use a thesaurus
- Legible, fluent handwriting
- Plan writing to suit audience & purpose
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- Perform own compositions

Grammar

- Use expanded noun phrases
- Use modal & passive verbs
- Use relative clauses
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Speaking & Listening

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Art & Design

Design, make and decorate a Tudor clay pot with handles in keeping with the time period.

Study Tudor artists – Guiseppe Arcimboldo, Leonardo Da Vinci
Recreate their artistic styles

HOOK – relics and artefacts

Computing

Blogging and eSafety
Image manipulation
3D modelling
Spreadsheets and databases
How the Internet works
Web research
Game building

Mathematics

Number/Calculation

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- Use vocabulary of prime, factor & multiple
- Multiply & divide by powers of ten
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Geometry & Measures

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Data

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- Solve questions about line graphs

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Design & Technology

Look at Da Vinci, his life and inventions.

Children to design their own invention and evaluate it.

HOOK – Modern day inventions, how they have changed modern life.

Geography

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

HOOK – Ordnance surveys, local field walk.

Modern Languages

Le Cirque- Talking about Francophone countries

Talking about the languages we speak

Identifying different items of clothing and their colours

Greetings and personal information

What people have/have not

HOOK – Rigolo!

Music

Learn E F G on keyboard

Left hand accompaniment

HOOK – playing together

Science

Forces:

Effect of gears, pulleys and levers including vibration
Properties of everyday materials:
Compare and group together everyday materials according to properties

Dissolving and evaporation

Separating mixtures

Give reasons for uses of materials (insulation/changing temperature)

Reversible changes

Some changes result in formation of new materials - including burning and acid with bicarbonate of soda
Scientists to be studied Spencer Silver, Ruth Benerito

History

Shakespeare and his influence

The Tudor Influence on life, education, theatre.

Shakespeare and his effect on the English language.
Comparing life then and now.

HOOK – Horrible Histories clips, study a Shakespeare play in detail looking at different versions

Physical Education

TEAM SPORTS

To give a basic understanding of the rules of some team sports.

To give an understanding of skills to play some team sports.
Promoting teamwork and working well together to gain a result.

Sports covered – Handball, Basketball, Hockey, Tag Rugby, Football, Dodgeball

Religious Education

Religious expression and spiritual values

Religious authority and leadership

HOOK – You Tube clips of leaders at work and various festivals.

Curriculum Overview Summer Term Year 5

Reading

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English

Writing

- Develop ideas through reading and research
- Use a wide knowledge of text types, forms and styles to inform their writing
- Plan and write for a clear purpose and audience
- Ensure that the content and style of writing accurately reflects the purpose
- Evaluate their work effectively and make improvements based on this
- Proof-read for spelling and punctuation errors

Grammar

- Use correct grammatical terminology when discussing their writing
- Identify a modal verb is e.g. might, should, could, would, can, may, must, shall, will
- Identify a modal adverb is e.g. perhaps, surely, obviously
- Use modal verbs and adverbs
- Use the suffixes -ate, -ise, and -ify to convert nouns or adjectives into verbs
- Understand what parenthesis is
- Recognise and identify brackets and dashes
- Use brackets, dashes or commas for parenthesis
- Ensure correct subject verb agreement

Art & Design

- Egyptian Wall art
- Design and create a cartouche
- Design a sarcophagus

Computing

- E-Safety
- Coding and debugging
- Introduction to Spreadsheets
- Computer networks (WAN's)

Mathematics

Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.

Add and subtract fractions with the same denominator and denominators that are multiples of the same number.

recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number [for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]

Identify multiples and factors.

Know and use the vocabulary of prime numbers and prime factors.

Multiply numbers up to 4 digits by a one- or two-digit

Multiply and divide numbers mentally drawing upon known facts

Divide numbers up to 4 digits by one digit multiply and divide whole numbers and those involving decimals by 10, 100 and 1000

Multiply proper fractions and mixed numbers by whole numbers, supported by materials

Use the properties of rectangles to deduce related facts and find missing lengths and angles

Distinguish between regular and irregular polygons based on reasoning about equal sides and angles

Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed

Design & Technology

- Design and create Egyptian jewellery.

Geography

Rivers – Flooding of the Nile

- Settlements – land use and trade.
 - Aswan Dam and the Suez Canal
 - Use the eight points of a compass, four-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world – Orienteering at Thriftwood.
- HOOK – Clips of flooding, Thriftwood

Modern Languages

- A l'école
- School subjects
- Talking about likes and dislikes at school
- Asking and saying the time
- Talking about timings of the school day.

Music

- Introduction to Waltz time.
- Extended right hand position to include note A
- Both hands to rhythm backing track
- HOOK – Different Waltz styles

Science

Earth and space:-

Movement of Earth and planets relative to Sun

Movement of moon relative to Earth –spherical bodies

Day and night

Scientists to be studied Ptolemy, Alhazen, Copernicus

HOOK – Ipad to research, newspaper articles, science clips

History

Achievements of early civilisations

An overview of these

An in depth study of Ancient Egypt to include the social hierarchy

The farming year

Life, death and the afterlife and Egyptian Gods

- HOOK – Horrible Histories, stories from Egypt

Physical Education

- Dance/gymnastics
- Egyptian dance, travel, turn, stillness, jump, gesture.
- Balances—counter balances.
- Outward bound—Thriftwood.
- ATHLETICS
- To give an understanding of track and field events focussing on Borough Sport Events
- To get children to improve their times and distances throughout the term
- CRICKET
- To give a basic understanding of the rules of cricket
- To help improve throwing and catching
- To aid individual (batting) and team (fielding) skills

Religious Education

- The journey of life and death
- Religious initiation ceremonies comparisons
- HOOK – You Tube clips of different ceremonies