

Primary Curriculum from September 2014

Year 4

English: During Year 5, pupils will build upon previous learning and develop their understanding in:

Reading by learning to • Secure decoding of unfamiliar words • Read for a range of purposes • Retell some stories orally • Discuss words & phrases that capture the imagination • Identify themes & conventions • Retrieve & record information • Make inferences & justify predictions • Recognise a variety of forms of poetry • Identify & summarise ideas	Writing by learning to • Correctly spell common homophones • Increase regularity of handwriting • Plan writing based on familiar forms • Organise writing into paragraphs • Use simple organisational devices • Proof-read for spelling & punctuation errors • Evaluate own and others' writing • Read own writing aloud	Grammar by learning to • Use wider range of conjunctions • Use perfect tense appropriately • Select pronouns and nouns for clarity • Use & punctuate direct speech • Use commas after front adverbials Speaking & Listening • Articulate & justify opinions • Speak audibly in Standard English • Gain, maintain & monitor interest of listeners
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Mathematics: During Year 5, pupils will build upon previous learning and develop their understanding in:

Number/Calculation by learning to • Know all tables to 12 x 12 • Secure place value to 1000 • Use negative whole numbers • Round numbers to nearest 10, 100 or 1000 • Use Roman numerals to 100 (C) • Column addition & subtraction up to 4 digits • Multiply & divide mentally • Use standard short multiplication	Geometry & Measures by learning to • Find area by counting squares • Calculate rectangle perimeters • Estimate & calculate measures • Identify acute, obtuse & right angles • Identify symmetry • Use first quadrant coordinates • Compare 2-d shapes, including quadrilaterals & triangles Introduce simple translations Data • Use bar charts, pictograms & line graphs	Fractions & decimals by learning to • Recognise tenths & hundredths • Identify equivalent fractions • Add & subtract fractions with common denominators • Recognise common equivalents • Round decimals to whole numbers • Solve money problems
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Science: *During Year 4, pupils build upon previous learning and develop further their scientific knowledge, conceptual understanding and ability to work scientifically. They broaden their scientific view of the world around them by :*

- Asking relevant questions
- Setting up simple practical enquiries, comparative and fair tests
- Making accurate measurements using standard units, using a range of equipment
- Gathering, recording, classifying and presenting data in a variety of ways to help with answering questions
- Recording findings using scientific language, drawings, labelled diagrams, bar charts and tables
- Reporting on findings from enquiries including oral and written explanations, displays or presentations of results and conclusions
- Using results to draw simple conclusions and suggest improvements, new questions and predictions for setting up further tests
- Identifying differences, similarities or changes related to simple scientific ideas and processes and consider patterns
- Using straightforward scientific evidence to answer questions or to support their findings

Art and Design: *During Year 4, pupils build upon previous learning and develop the ability to think critically and develop an understanding of art and design.*

- Develop personal techniques including control and use of materials
- Experiment through art with an increasing awareness of different kinds of art, craft and design
- Create sketch books to record observations and use them to review and revisit ideas, and collect visual material to help them to develop their ideas
- Improve mastery of techniques such as drawing, painting and sculpture with varying materials (e.g. pencil, charcoal, paint, clay)
- Learn about the greatest artists, architects and designers in history

Computing: *During Year 4, pupils build upon previous learning and develop their computing skills whilst continuing to develop wider ICT skills across the curriculum.*

- Solve problems by decomposing them into smaller parts
- Use sequence, selection and repetition in programs; work with variables and various forms of input and output
- Using logical reasoning, detect and correct errors in algorithms and programs
- Use search engines effectively
- Use technology responsibly, securely and safely

Design and Technology: *During Year 4, pupils build upon previous learning and technical knowledge to develop their creativity and imagination. Pupils design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. It also includes evaluating the end product.*

- Develop skills and safe use of a wider range of tools and equipment through a range of practical tasks
- Make products that are fit for purpose
- Learn about the major components of a balanced diet and how ingredients can be designed to create healthy meals
- Basic cooking techniques and preparation of a variety of savoury dishes

Geography: *During Year 4, pupils build upon previous learning, developing their use of geographical knowledge, understanding and skills to enhance their locational and place knowledge by:*

- Making contrast to a European area
- Understanding geographical similarities and differences through the study of human and physical geography of a region or area of the United Kingdom, and a region or area of a European Country
- Locating the world's countries, using maps to focus on Europe and concentrating on their environmental regions, key physical and human characteristics, countries and major cities
- Use 4 compass points well:
- Begin to use 8 compass points;
- Use letter/no. co-ordinates to locate features on a map confidently.
- use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
- undertaking map and field work

History: *During Year 4, pupils build upon previous learning and understanding of Britain's past and that of the wider world.*

Pupils develop and understanding of historical concepts, the methods of historical enquiry and gain historical perspective by studying:

- Ancient Rome
- Local History study *this could also be linked to other areas of History relevant to locality such as Roman, Victorian, Tudor time period*
- The Roman Empire's impact on Britain

French: *During Year 4, pupils 3 pupils start to learn how to understand and communicate ideas, facts and feelings in speech and writing, focused on familiar and routine matters by:*

- Engaging in conversations; asking and answering questions; expressing opinions and responding to those of others; seeking clarification and help
- Appreciating stories, songs, poems and rhymes in the language
- Describing people, places, things and actions orally

Music: *During Year 4, pupils are engaged and inspired to develop a love of music and their talent as musicians, and so increase their self-confidence, creativity and sense of achievement.*

- Playing and performing in solo and ensemble contexts, using their voice and playing musical instruments with increasing accuracy, control and expression
- Composing music using the inter-related dimensions of music separately and in combination
- Listening with attention to detail and recall sounds with increasing aural memory
- Appreciating and understanding a wide range of high quality live and recorded music from different traditions and from great musicians and composers
- Developing an understanding of the history of music

PE: *During Year 4, pupils become physically confident in a way which supports their health and fitness. They access o to compete in sport and other activities and learn to embed values such as fairness and respect by:*

- Using running, jumping, catching and throwing
- Playing competitive games including football, netball, rounders, cricket, hockey, tennis
- Applying basic principles suitable to these games for attacking and defending
- Developing flexibility, strength, technique, control and balance through gymnastics and athletics
- Performing dances using a range of movement patterns
- Taking part in outdoor and adventurous activity challenges both individually and as part of a team
- Comparing performances to previous ones to achieve their personal best

RE: *During Year 4, pupils study in a more systematic way Christianity and Islam. Pupils will “learn about” and “learn from” religions and worldviews by:*

- Exploring how people’s values and commitments might be demonstrated in the lives of [religious] leaders and believers. It can also include a study of a particular religious and belief community – “Inspirational People”
- Exploring aspects of Christian festivals, celebrations, practices and community and the beliefs to which they relate – “Religion and the individual/Religion and the Community”.

