

Primary Curriculum from September 2014

Year 2

In Year 2, pupils follow the Primary Curriculum 2000 English, Maths and Science Curriculum

English and Communication: *During Year 2 pupils build upon previous learning and develop their understanding further by developing skills in:*

Reading – this has a focus on reading high and medium frequency words independently and automatically. They read independently, longer and less familiar texts with increasing fluency. They engage with books and give some reasons why things happen or characters change. They can also explain organisational features of texts, including alphabetical order, layout, diagrams, captions, hyperlinks and bullet points.

Writing – this includes drawing on knowledge and experience of texts in deciding and planning what and how to write. They make more adventurous word and language choices and write simple and compound sentences using past and present tense.

Spelling – this includes spelling with increasing accuracy and confidence, drawing on word recognition and knowledge of word structure, and spelling patterns including use of double letters.

Speaking and listening – this focuses on speaking clearly, explaining ideas and processes using imaginative and adventurous vocabulary and non-verbal gestures to support communication. They listen to others in class, ask relevant questions and follow instructions. They work effectively in groups by ensuring that each group member takes a turn challenging and supporting whilst listening to each other's views.

Mathematical understanding: *During Year 2 pupils build upon previous learning and develop their mathematical understanding further by developing skills in:*

Using and Applying mathematics – This includes solving problems involving addition, subtraction, multiplication or division and identifying and recording the information needed to solve a puzzle or problem. They make calculations and check their answers. They practise choosing and using suitable equipment and selecting, organising and presenting information in lists, tables and simple diagrams, presenting solutions to puzzles and problems in an organised way; explaining decisions, methods and results in pictorial, spoken or written form, using mathematical language and number sentences.

Number – they read and write two-digit and three-digit numbers in figures and words and learn to recognise odd and even numbers. They can count up to 100 objects by grouping them and counting in tens, fives or twos. They practise finding one half, one quarter and three quarters of shapes and sets of objects. They work out and recall all addition and subtraction facts for each number to at least 10, all pairs with totals to 20 and work out and recall multiplication facts for the 2, 5 and 10 times-tables.

Calculating – they learn to add or subtract mentally and use practical and informal written methods. They learn to recognise that subtraction is the inverse of addition and vice versa and use this to work out and record related addition and subtraction number sentences using practical and informal written methods. They will also use the symbols +, -, ×, ÷ and =.

Understanding shape, measuring – this includes identifying shapes from pictures showing them in different positions and orientations; they will also sort, make and describe shapes. They identify reflective symmetry in patterns and 2-D shapes and draw lines of symmetry in shapes as well as giving instructions involving position, direction and movement.

Handling Data – they learn to answer a question by collecting and recording data in lists and tables; showing the data as block graphs or pictograms. They will also use lists, tables and diagrams to sort objects; explain choices and use appropriate language.

Scientific Understanding: *During Year 2 pupils build upon previous learning and develop their understanding further by developing skills in:*

Ideas and evidence: In Year 2 pupils learn to collect evidence to try to answer a question.

Investigative skills and planning: In Year 2 pupils learn to suggest some ideas and questions based on simple knowledge and say how they might find out about them. They also say what they think might happen and discuss whether comparisons and tests are fair or unfair.

Obtaining and presenting evidence: In Year 2 pupils learn to make observations; to make measurements of length in standard and non-standard measures and to make records of observations; presenting their results in tables, drawings and block graphs.

Considering evidence and Evaluating: In Year 2 pupils learn to make simple comparisons, identifying similarities and differences between things. They learn to say what results show and whether their predictions were correct.

Learning in all the following subjects is planned from the New Primary Curriculum 2014

Art and Design: *During Year 2, pupils build upon previous learning and develop the ability to think critically and develop an understanding of art and design.*

- 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
- to develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space
- about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work

Computing: *During Year 2, pupils build upon previous learning and develop their computing skills whilst continuing to develop wider ICT skills across the curriculum.*

- Understand what algorithms are, how they are implemented as programs on digital devices and that programmes execute by following a sequence of instructions
- Create and de-bug simple programs
- Use logical reasoning to predict the behaviour of simple programs
- Use technology purposefully to create, organise, store, manipulate and retrieve digital content
- Use technology safely and respectfully online, keeping personal information private, and know where to go for help and support when concerns arise about material on the internet

Design and Technology: *During Year 2, 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 practical skills and use these safely with a range of resistant and non-resistant materials, drawing media, tools and equipment in both 2D and 3D.
- Perform simple, useful, practical tasks, making products for a purpose
- Develop and use a range of common practical skills in contexts such as mechanical, diagnostic and repair tasks
- Appreciate the need for good design by evaluating a range of design and designers.
- Understand food and nutrition with opportunities to cook.

Geography: *During Year 2, pupils build upon previous learning, begin to use geographical enquiry (including map and field skills) and develop knowledge about the world, the United Kingdom and their locality by:*

- Developing a knowledge of the wider United Kingdom and its countries
- Naming and locate the world's continents and oceans
- Understanding geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom and of a contrasting non-European Country
- Identifying hot/cold areas of the World in relation to the Equator and North/South Poles
- using world maps, atlases and globes to identify the United Kingdom,
- using simple compass directions (North, South, East and West) and locational and directional language [for example, near and far; left and right], to describe the location of features and routes on a map
- using aerial photographs and plan perspectives to recognise landmarks and basic human and physical features; devise a simple map; and use and construct basic symbols in a key use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment.

History: *During Year 2, 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:

- The lives of significant individuals in Britain's past who have contributed to national and international achievements. Some should be used to compare aspects of life in different periods
- Events beyond living memory that are significant nationally or globally

Music: *During Year 2, 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 by:*

- Use voices expressively by singing songs and speaking chants and rhymes
- Play tuned and untuned instruments musically
- Listen with concentration and understanding to a range of high quality live and recorded music
- Experiment with, create, select and combine sounds using the inter-related dimensions of music.

PE: *During Year 2, 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:*

- Developing core movement skills, mastering basic movements such as running, jumping, throwing, catching
- Developing core movements around the development of balance, agility, coordination
- Applying these skills to a range of activities
- Participating in team games, developing simple tactics for attacking and defending
- Performing dances using simple movement patterns
- Swimming competently, confidently and proficiently over a distance of at least 25 metres
- Using a range of strokes effectively such as front crawl, backstroke and breaststroke
- Performing safe self-rescue in different water-based situations

RE: *During Year 2, pupils encounter and respond to a range of stories, artefacts and religious materials. Pupils will “learn about” and “learn from” religions and worldviews by:*

- Exploring how religions and beliefs express values and commitments in a variety of creative ways – “Believing” – topic
- Exploring how religious and other beliefs affect approaches to moral issues – “Leaders and Teachers” – topic
- Exploring how religions and beliefs express aspects of human nature in a creative and variety of ways – “Symbols”