# **Curriculum Overview for Year 2**

#### Reading

- Develop phonics until decoding secure.
- Read common suffixes.
- Read & re-read phonicappropriate books.
- Read common 'exception' words.
- Discuss & express views about fiction, non-fiction & poetry.
- Become familiar with & retell stories.
- Ask & answer questions; make predictions.
- Begin to make inferences.

Know 2, 5, 10x table

Begin to use place value (T/U).

Identify, represent & estimate

Compare / order numbers, inc. <

Count in 2s, 3s, 5s & 10s.

Write numbers to 100.

Use x and ÷ symbols.

Recognise commutative

property of multiplication.

related to 100).

Know number facts to 20 (+

**Number/Calculation** 

numbers.

# **English**

Spell by segmenting into phonemes

Writing

- Learn to spell common 'exception'
- Spell using common suffixes, etc.
- Use appropriate size letters & spaces
- Develop positive attitude & stamina for writing
- Begin to plan ideas for writing
- Record ideas sentence-bysentence
- Make simple additions &changes after proof-reading

#### Grammar

- Use .!?, and '
- Use simple conjunctions
- Begin to expand noun phrases
- Use some features standard English.
- Articulate & Justify answers.
- Initiate & respond to comments.
- Use spoken language to develop understanding.

#### **Mathematics**

#### **Geometry & Measures**

- Know and use standard measures
- Read scales to nearest whole unit
- Use symbols for £ and p and add/subtract simple sums of less than £1 or in pounds
- Tell time to the nearest 5 minutes
- Identify & sort 2-d & 3-d shapes
- Identify 2-d shapes on 3-d surfaces.
- Order and arrange mathematical objects.
- Use terminology of position & movement

#### **Fractions**

- Find and write simple fractions.
- Understand equivalence of e.g. 2/4 = 1/2

#### Data

- Interpret simple tables & pictograms.
- Ask & answer comparison questions.
- Ask & answer questions about totalling.

# Science

Learning to work scientifically children will: **Biology** 

- Differentiate living, dead and non-living.
- Learn what plants need to grow (water, light, warmth).
- Learn about the basic needs of animals & offspring.
- Study simple food chains & habitats.

#### Chemistry

- Identify and compare uses of different materials.
- Compare how things move on different surfaces.

# History

Children will be taught the history of the British Isles chronologically and will learn how Britain has influenced and been influenced by the wider world. They will:

- Learn about changes in living memory linked to aspects of national life where appropriate e.g. how visit to the seaside has changed.
- Study key Individuals such as Samuel Pep/s.
- Study the lives of significant historical figures, e.g. Florence Nightingale.
- Study key historical events e.g. the Great Fire of London.
- Study events of local importance e.g. the building of the University of Cambridge.

## **Art & Design**

Children will be challenged and inspired to experiment, invent & create their own works of art, craft and design by:

- Using a range of materials.
- Using drawing, painting and sculpture.
- Developing techniques of colour, pattern, texture, line, shape, form and space.
- Learning about a range of artists, craftsmen and designers.

# **Design & Technology**

Through a variety of creative and practical activities, pupils will learn to:

- Design purposeful, functional & appealing products.
- Generate, model & communicate ideas.
- Use range of tools & materials to comp practical tasks.
- Evaluate existing products & own ideas.
- Build and improve structure & mechanisms.
- Understand where food comes from.

### Modern

# Languages

Although the study of a modern language is not statutory at KS1 the children will continue to study the French language to foster their curiosity and deepen their understanding of the world through:

- Listening and engaging
- Asking and answering questions
- Developing and using familiar vocabulary
- Developing appropriate pronunciation
- Showing understanding of words & phrases
- Appreciating stories, songs, poems & rhymes.

# Physical Education Children will learn and develop fur damental movement

skills which extend their axility, balance and coordination. Using the Cambridgeshire scheme of work they will:

- Use running, jumping, catching and throwing in isolation and in combination.
- Participate in team games.
- Develop flexibility & control in gym.
- Perform dances using simple movements.
- Compare performances to achieve personal bests.

### Computing

Children are taught to be responsible, competent, confident and creative users of information and communication technology. They will:

- Understand use of algorithms.
- Write & test simple programs.
- Use logical reasoning to make predictions.
- Organise, store, retrieve & manipulate data.
- Communicate safely & respectfully online.
- Recognise uses of IT outside of school.

# Geography

Pupils develop their knowledge about the world, the United Kingdom and their locality and begin to use geographical skills to enhance their knowledge by:

- Naming & locating world's continents and oceans
- Comparing local area to a non-European country
- Using basic vocabulary to describe a less familiar
- Using aerial images and other models to create simple plans and maps, using symbols
- Using simple fieldwork and observational skills

### Music

Children will be inspired to develop a love of music, their talent as musicians, increase their selfconfidence, creativity and sense of achievement by:

- Singing songs.
- Playing tuned & un-tuned instruments musically.
- Listening to and understanding live and recorded music.
- Making and combining sounds musically.

R.E. and PSHCE
The children will follow the Cambridgeshire agreed syllabus for Religious Education and PSHCE. They will cover topics which include:

- The act of Christian worship and The Bible.
- Religious signs and symbols e.g. light.
- Conflict resolution.
- Identifying gifts and talents to work together.
- Sex and relationships education. Dealing with new situations.
- Safety of medicines.

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