

# Year 2

### English

#### Reading

- Develop phonics until decoding secure
- Read common suffixes
- Read & re-read phonic-appropriate 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

#### Writing

- Spell by segmenting into phonemes
- Learn to spell common 'exception' words
- 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-by-sentence
- Make simple additions & changes after proof-reading

#### Grammar

- Use . ! ? , and '
- Use simple conjunctions
- Begin to expand noun phrases
- Use some features of standard English

#### Speaking and Listening

- Articulate & Justify answers
- Initiate & respond to comments
- Use spoken language to develop understanding

### Art and Design

- Use a range of materials
- Use drawing, painting and sculpture
- Develop techniques of colour, pattern, texture, line, shape, form and space
- Learn about range of artists, craftsmen and designers

**These skills have been linked the creative curriculum under the following topics –Superheroes, Dinosaurs, Around the world, Once upon a time, Cracking contraptions, Kings and Queens.**

### Computing

Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions

- Create & debug simple programs (Superheroes, Once upon a time)
- Use logical reasoning to predict the behaviour of simple programs
- Use technology purposefully to create, organise, store, manipulate and retrieve digital literacy (Superheroes, Around the world, Once upon a time, Dinosaurs, Cracking Contraptions, Kings and Queens)
- Recognise common uses of information technology beyond school – E-safety (Superheroes, Once upon a time)
- Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies (Cracking Contraptions, Kings and Queens)

### Mathematics

#### Number/Calculation

- Know 2, 5, 10x tables
- 3
- Begin to use place value (T/U)
- Count in 2s, 3s, 5s & 10s
- Identify, represent & estimate numbers
- Compare / order numbers, inc. < > =
- Write numbers to 100
- Know number facts to 20 (+ related to 100)
- Use x and ÷ symbols
- Recognise commutative property of multiplication

#### 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.  $\frac{2}{4} = \frac{1}{2}$

#### Data

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

### Design & Technology

- Design purposeful, functional & appealing products
- Generate, develop, model & communicate ideas
- Use range of tools & materials to complete practical tasks
- Select from & use a range of materials and components according to their properties
- Evaluate existing products & own ideas
- Build and improve structure & mechanisms
  - Understand where food comes from
  - Use basic principles of healthy and varied diet

**These skills have been linked the creative curriculum under the following topics – Superheroes, I like to move it, Once upon a time, Dinosaurs, Cracking contraptions, Kings and Queens.**

### History

- Events beyond living memory that are significant nationally – Guy Fawkes (Arabian Nights), Transport Inventions (I like to move it), Remembrance Sunday (Once upon a time)
- Lives of individuals that are significant internationally (Around the world, Kings and Queens)
- Changes within living memory (source- grandparents)
- Significant historical events, people and places in their own locality (Around the world), National Life(Holidays)
- Compare aspects of life in different periods (Kings and Queens)

### Science

#### Working Scientifically

**Autumn 1 & 2:** Everyday materials and child-led investigations

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

**Spring 1 & 2:** Plants/Animals, including humans

**Summer 1 & 2:** Living things and their habitats and child-led investigations

### Geography

- Geographical similarities and differences -Celebrating Diversity (Superheroes, once upon a time)
- Compass directions and locational and directional language (Superheroes, racking contraptions)
- Continents, oceans, seasonal and daily weather patterns, world maps, atlases and globes (Around the world, Dinosaurs)
- Fieldwork and observational skills (Around the world)
- Features and routes on a map (Once upon a time)
- The four countries and capital cities of the United Kingdom and its surrounding seas(Kings and Queens)
- Aerial photographs and plan perspectives to recognise landmarks and basic human and physical features (Dinosaurs)
- Use basic geographical vocabulary.

### Physical Education

- Master basic movement, e.g. running, jumping, throwing, catching, balance, agility and co-ordination
- Participate in team games developing simple tactics
- Perform dances using simple movement

**Covered by the Real PE scheme of work**

### Music

- Sing songs and speak chants and rhymes
- Play tuned & untuned instruments musically
- Listen with concentration & understand live and recorded music
- Experiment with, create, select and combine sounds musically

**Covered by Charsnga Scheme of work, singing assemblies and Surrey Art's programme First Access for Recorder**

### Learning for Life

Healthy lifestyles, Living in the wider world, Staying safe, Healthy relationships, Relationships, Growing and Changing, Life bus

**Covered by the Coram life education**

### Modern Languages

Not covered in Year 2

### Religious Education

- Why is the Bible an important book for Christians? Why is Harvest a world-wide celebration? (Once upon a time)
- What are the Christian symbols of Christmas?
- What makes a church different from other buildings? What happens in a church? (Around the world, Dinosaurs)
- Why is Easter important to Christians? (Dinosaurs, Around the world)
- Who is Allah? What might God be like? (Cracking contraptions, Kings and Queens)
- Why is the Qur'an important to Muslims? Who is Mohammed (pbuh)? How do Muslims pray? In what way is the mosque special to Muslims? (Cracking Contraptions, Kings and Queens)