

## English

### Reading:

\*Apply growing knowledge of root words, prefixes, suffixes and further exception words.

\*Develop positive attitudes to reading and understanding of a wide range of texts (including the use of skills and understanding of vocabulary, inference, prediction, explanation, retrieval and sequencing: VIPERS); using a dictionary to check meaning.

### Writing:

\*Spelling: further prefixes and suffixes, homophones and Y3 rules.

\*Handwriting: increasing legibility and use of diagonal/horizontal strokes to join, with line spacing.

\*Composition: discuss in planning stage; draft and write organising paragraphs around a theme; narratives creating settings, characters and plot; non-narrative using simple organisational devices; evaluate and edit - drafting. Entertain, inform, persuade.

\*Vocabulary, grammar and punctuation: Wider range of conjunctions; perfect present tense, nouns and pronouns for non-repetitive clarity, adverbs, prepositions, fronted adverbials, apostrophes for contraction and possession (singular and plural), direct speech.

## Science

**Remarkable Rocks:** Children will explore different kinds of rocks and soils, including how the different rocks found in Worcestershire formed.

**Amazing Anatomy: The Skeletal System:** Children will continue to learn about the importance of nutrition and should be introduced to the main body parts associated with the skeleton and muscles.

**Light Fantastic:** Children will explore how light reflects off a mirror or other reflective surfaces as well as investigate shadows - how they are formed.

**Fantastic Forces:** Children will build on their learning of forces in Year 2 as well as observe that magnetic forces can act without direct contact, unlike most forces.

**Brilliant Botany:** Children will build on their Y2 learning by exploring the relationship between structure and function: every part of a plant has a job to do.

## Mathematics

**Numbers and place value:** Count multiples of 4, 8, 50, 100; 3 digit number place value, estimate

**Addition and Subtraction:** Mental and standard column methods for addition and subtraction of 3 digit numbers

**Multiplication and Division:** Recall facts for 3, 4 and 8 tables: formal methods for 2dig x 1dig..

**Fractions:** Count in tenths; recognise fractions as numbers, +/- those with the same denominator; recognise, find and write fractions of quantities.

### Measurement:

\*Measure, compare and +/- length/height (m/cm), mass (kg/g), capacity (L/ml), temperature (°C); measure perimeter of 2D shapes

\*Money +/- problems giving change; tell time to nearest minutes.

**Shape and Geometry:** Recognise angles as a property of shape or direction, identifying right angles; identify horizontal/vertical lines and perpendicular and parallel pairs.

**Statistics:** Interpret/present data - bar charts, pictograms, tables

## Year 3 Curriculum Overview

2022-2023



## RE

\*What do Christians learn from the Creation story?

\*What kind of world did Jesus want?

\*Festivals/family life - what matters to Jewish people?

\*Why do Christians call the day Jesus died 'Good Friday'?

\*What is it like for someone to follow God?

\*How do people try to make the world a better place?

## Art

\*Drawing - self-portrait - using a grid method for scale and proportion (Van Gogh)

\*Painting - landscapes observational and impressionist (Monet - Water Lilies)

\*Textile/Collage - recycled collage and sewing, collage inspired by Monet paintings

## DT

\*Structures: using nets as a shell for a Christmas box, strengthening materials used

\*Cooking and Nutrition - healthy and varied diet - focus on fats, sugars and dairy

\*Mechanisms - Levers and Linkages - children to explore fixed and loose pivots to design litter pickers

## Music

\*Children learn to play a new instrument? Severn Arts led teaching (FAME).

\*Who was Vivaldi and how did he describe the four seasons? Baroque study.

## History

\*Stone Age: How did people live during the Stone Age and how do we know? Changes in Britain from the Stone Age to the Iron Age,

\*Bronze Age-Iron Age: What were the most significant inventions/changes during this time? Changes in Britain from the Stone Age to the Iron Age.

\*Egyptians: What was life like in Ancient Egypt compared to Ancient Britain? The achievements of the earliest civilisations.

## Geography

\*Our country, the River Severn and us - how do we impact upon the likelihood of floods? Local knowledge; human and physical geography

\*The States vs The UK: Would I rather live in Birmingham or the Mojave Desert? Fieldwork and place knowledge

\*Map Experts Can we use a map and compass? Fieldwork; location knowledge

**MFL** Spanish: greetings, class instructions, names, age, counting, colours, food, days and months.

## Computing

\*Computing Systems & Networks - Connecting computers

\*Creating media - Stop Frame Animation

\*Programming - Sequencing sounds, events & actions

\*Data and Information - Branching databases

\*Creating Media - Desktop publishing

## PE

Dance, gymnastics, fitness and yoga. Hockey (invasion), ball skills, Outdoor Adventurous Activities, cricket (striking and fielding) and tennis (net wall).

**PSHE:** **Being Me In My World** - self-identity and worth. **Celebrating Difference** - families and their differences. **Dreams and Goals** - motivation for difficult challenges. **Healthy Me** - Food, drugs, self respect. **Relationships** - global citizenship, negotiation, e-safety. **Changing Me** - body changes, babies' needs, stereotypes.