

# Curriculum Overview for Year 3

## Autumn

- Exploring a range of texts
- See Spelling Bank
- Grammar
- Punctuation
- Reading – decoding and comprehension
- Handwriting
- Speaking and Listening

## Autumn

- Counting in steps of 4, 8, 50, find 10 more/10 less than a given number, place value in 3 digit numbers
- Addition and Subtraction of 3 digit and ones, 3 digit and tens, 3 digit and hundreds.
- Multiplication and division (3,4 and 8 times tables)
- Fractions – unit and non-unit, counting up and down in tenths
- Comparing and sorting 2d and 3d shapes in different orientations, identifying right angles.
- Problem solving (weekly)

## Geography

### Autumn

- To use geographical terms
- Use maps at a variety of scales to locate position
- Express views on features of an environment
- Use secondary sources to obtain geographical information

### Summer

- Locate position of localities such as longitudes and latitudes
- Communicate geographical knowledge and understanding to ask and answer questions
- Understand how places are interconnected

## English

### Spring

- Tuntum and Nutmeg
- See Spelling Bank
- Grammar
- Punctuation
- Reading – decoding and comprehension
- Handwriting
- Speaking and Listening

### Summer

- The Twits
- Bill's New Frock
- See Spelling Bank
- Grammar
- Punctuation
- Reading – decoding and comprehension
- Handwriting
- Speaking and Listening

## Mathematics

### Spring

- Place value of 3 digit numbers to solve problems including estimating
- Addition and subtraction - 1 and 2 step problems
- Multiplication and division (3, 4 and 8 times tables)
- Equivalent fractions, adding and subtracting fractions with the same denominator
- Measuring the perimeter of 2d shapes, identifying perpendicular and parallel lines.
- Problem Solving (weekly)

### Summer

- Solve number problems and practical problem using place value (up to 3 digit numbers)
- Addition and subtraction mentally, estimating and using the inverse (money/giving change)
- Multiplication of 2 digit by 1 digit mentally, then using formal methods
- Measuring perimeter
- Problem Solving (weekly)

## History

### Autumn

- Give reasons for events and changes
- Gather information from simple sources

### Spring

- To give reasons for events and changes
- Answer questions about changes in the past

### Summer

- Understand the past is recorded in different ways

## Art & Design Technology

### Autumn

- Design and make products to meet specific needs
- Make useable plans
- Select appropriate tools and equipment
- Identify and implement improvements in designs
- Suggest improvements to everyday products

### Spring

- Explain their work and what they have done and why

### Summer

- Talk about their works of art giving reason opinions

## PE

### Autumn

- Hockey
- Handball

### Spring

- Gymnastics
- Basketball

### Summer

- Tennis
- Rounders

## Science

### Autumn

- Identify and describe flowering plants
- Compare plants and trees
- Identify what plants need to grow
- Lifecycle of a plant and pollination
- Seed formation and dispersal

- Animals including humans
- Nutrition and diet
- Food groups and healthy meals
- Animals and their diets
- Human and animal food chains

## Science

### Summer

- Light sources
- Reflection
- Position of the sun and times of day
- Shadows
- Forces and magnets
- Push - pull forces and attract -repel
- Magnetic and non-magnetic metals
- Strength of magnets

## Computing

### Autumn

- Design, write and debug programs
- Use sequencing
- Find problems in algorithms and programs and fix them

### Spring

- Debug programs
- Use sequence, selection and repetition in programs
- Use reasoning to explain how algorithms work
- And detect errors

### Summer

- Use technology safely and responsibly
- Use and combine software on a range of devices

## RE

### Autumn

- What does it mean to be a Jew?
- Christmas

### Spring

- What do Christians believe about a good life?
- Easter

### Summer

- How are beliefs expressed through the arts?

## Science

### Spring

- Rocks and soils
- Identifying rocks and grouping them
- Permeability, hardness
- Fossils and how they are formed
- Identifying different types of soil
- How soil is made.
- Animals including humans.
- Bones and their purpose
- Skeletons – comparing animals and humans
- Muscles and their function

## Visits and visitors

### Autumn

- York Chocolate Story

### Spring

- Visitor – Dinosaur Dome

### Summer

- Manchester Museum



