

# HIGHER PREP AUTUMN TERM CURRICULUM

## MATHEMATICS TOPICS

In maths the children are increasingly solving problems and challenge sheets are used to stretch the more able. Table knowledge is honed and forms a very important foundation for much of the number work.

- Place Value - 10s and 100s of thousands and millions
- Multiplication – Short, Long, Problems and investigations
- Co-ordinates
- Angles - Acute/obtuse/right/straight, using a protractor
- Shape - Properties
- Division
- Fractions – Equivalent, adding and subtracting with same denominators, mixed numbers
- Decimals - Tenths, adding and subtracting, multiplying and dividing including by 10
- Measure - Millilitres and litres, scales, centimetres, area of a rectangle and perimeters
- Time - 24 hour

## GEOGRAPHY

### Climate

- 5 climate zones
- Temperate climates
- Britain Isles
- Measuring the weather
- Recording the weather
- Beaufort Scale
- Deserts
- Hurricanes
- Tropical climates
- Monsoon

## HISTORY

### Tudors

- Evidence
- The Wars of the Roses
- Henry VII
- Henry VIII
- Edward VI
- Lady Jane Grey
- Mary Tudor
- Elizabeth I
- Mary Queen of Scots
- The Spanish Armada

## ENGLISH TOPICS

### Grammar

- Parts of Speech
- Correct use of all punctuation

### Creative writing

- Stories and poems
- Descriptions
- Letters
- Newspaper articles
- Play scripts

### Comprehension

- Factual texts
- Fiction
- Poetry

## SCIENCE

### Human Body

- Revise the skeleton, joints & muscles
- Introduce the body organs
- Investigate the heart, lungs, circulation and respiration
- Learn about food & diet
- Discuss healthy life styles

### Light and Sound

- Revise light sources
- Investigate the properties of light
- Investigate and measure shadows
- Experiment with mirrors
- Investigate the source of sound and causes of changing pitch & volume

## RE

### Creation

- Genesis
- Adam and Eve
- Original Sin/ the Fall
- Stewards of the World
- St. Francis

### Inspirational People

- Inspiring qualities
- All are called
- To be a disciple
- St. Bakhita
- St Damien

## COMPUTING

- Online Safety
- Spreadsheets

## ART & DT

- Illustrations
- Consolidation of 2D and 3D art skills