



Windlesham School  
& Nursery



# Curriculum Summary

Year 5 Summer 2022



Preparing children for life



## English

- Space Scientists: biography
- Pandora: non-chronological report writing
- Narrative writing: structure and cohesion
- Comprehension skills: inference, explanation, analysis
- Learning and applying the Y5 grammar, punctuation and spelling curriculum

## Mathematics

- Place value to 1,000,000 and negative numbers
- Addition/Subtraction including decimals
- Line graphs and co-ordinates
- Reflect and translate shapes
- Measures (g/kg/ml/l)
- Multiplication/Division; Factors/Multiples
- Perimeter, area and volume
- Algebra

## Science

- Identifying parts of a flower and their functions
- Investigating how sexual and asexual reproduction occurs in plants
- Lifecycles of other organisms and identifying different stages of life, including metamorphosis
- Introduction to puberty in humans
- Identifying different planets and their features and that the sun is at the centre of our solar system
- Understanding how day and night occur
- Understanding the seasons and different phases of the moon

## Computing

- Programming – giving instructions to control motors, lights etc.
- Programming – selection in quizzes
- Physical computing – programming robots
- Computational thinking: binary numbers
- Photo and audio editing

## Art and Design

- Mughal Painting: Miniature paintings in the style of Mughal art
- Water as a subject – printing, collage, painting, using Monet, Hockney and Japanese woodcuts as inspiration
- Pier design – designing a pier for 21<sup>st</sup> century – drawings, plans, elevations
- Observational drawing

## French

- Adjectives to describe instruments
- Future plans
- Games, songs, stories and role-play
- Music likes and dislikes
- Using a dictionary
- Er verbs
- Using parce que

## Geography

- Study of India through the eco-system of the Bengal Tiger – location on a map.
- Study of a village in India: compare and contrast town and country
- Compare and contrast physical and human features.
- Supplying and cleaning water
- Define how a jungle differs from a tropical rainforest
- Comparing the climate of India with the UK

## Music

- Guitar chords
- Rhythm reading and composing
- Music from a different time and place
- Music of Year 5/6 production
- Composing royal music

## PSHE

- Identifying characteristics of a good friendship
- Understanding how words and actions can impact our friendships
- Taking risks: control and making safer choices
- Understanding what abuse is in its different forms

## History

- This term focuses on RS and Geography.

## PE

- Athletics – further development and enhancing confidence and progress in running, jumping and throwing events
- Striking and fielding games – to further improve catching, throwing and striking skills in isolation and competitive situations, with development of tactics
- Swimming – further development of stroke technique and diving
- Increased comprehension in a range of water skills
- Net and wall games – an introduction to the rules and development of core skills in volleyball as well as further development in tennis, in isolation and competitive conditions

## Religious Studies

- An in-depth study of the Muslim faith, beliefs and practice
- The use of money and attitudes to money, related to wealth and India
- Study of the Mosque
- Study of Islamic artefacts
- Study of Sacred texts in the home

**Philosophy** lessons will take place approximately every 3 weeks. Philosophical themes and ideas will be considered and discussed.

Please note that as an independent school, we enjoy the flexibility to explore any other interesting area of learning that may arise during the term, and therefore the list should be taken as a guide only.