

Curriculum overview for Green Class (Year 4)

English

- Secure decoding of unfamiliar words
- Read for a range of purposes
- Retell some stories orally
- Discuss words & phrases that capture the imagination
- Identify themes & conventions
 - Retrieve & record information
- Make inferences & justify predictions
- Recognise a variety of forms of poetry
- Identify & summarise ideas
- Correctly spell common homophones
- Increase regularity of handwriting
- Plan writing based on familiar forms
- Organise writing into paragraphs
- Use simple organisational devices
- Proof-read for spelling & punctuation errors
- Evaluate own and others' writing
- Read own writing aloud
- Use wider range of conjunctions
- Use perfect tense appropriately
- Select pronouns and nouns for clarity
- Use & punctuate direct speech
- Use commas after fronted adverbials
- Articulate & justify opinions
- Speak audibly in Standard English
- Gain, maintain & monitor interest of listeners

Art & Design

- Use sketchbooks to collect, record and evaluate ideas
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials
- Learn about great artists, architects & designers

Computing

- Design & write programs to achieve specific goals, including solving problems
- Use logical reasoning
- Understand computer networks
- Use the internet safely and appropriately
- Collect and present data appropriately

Mathematics

- Number & calculations**
 - Know all tables to 12 x 12
 - Secure place value to 1000
 - Use negative whole numbers
 - Round numbers to nearest 10, 100 or 1000
 - Use Roman numerals to 100 (C)
 - Column addition & subtraction up to 4 digits
 - Multiply & divide mentally
 - Use standard short multiplication
- Geometry & Measures**
 - Compare 2-d shapes, including quadrilaterals & triangles
 - Find area by counting squares
 - Calculate rectangle perimeters
 - Estimate & calculate measures
 - Identify acute, obtuse & right angles
 - Identify symmetry
 - Use first quadrant coordinates
 - Introduce simple translations
- Data**
 - Use bar charts, pictograms & line graphs
- Fractions**
 - Recognise tenths & hundredths
 - Identify equivalent fractions
 - Add & subtract fractions with common denominators
 - Recognise common equivalents
 - Round decimals to whole numbers
 - Solve money problems

Design & Technology

- Use research & criteria to develop products which are fit for purpose
- Use annotated sketches and prototypes to explain ideas
- Evaluate existing products and improve own work
- Use mechanical systems in own work
- Understand seasonality; prepare & cook mainly savoury dishes

Geography

- Locate world's countries, focussing on Europe
- Identify key physical & human features on a map
- Use 8 points of compass, symbols & keys
- Describe & understand climate, rivers, water cycle, settlements, mountains, earthquakes & volcanoes
- Use fieldwork to observe, measure & record physical features of local area

Modern Languages

- Listen & engage
- Ask & answer questions
- Speak in sentences using familiar vocabulary
- Show understanding of words & phrases
- Appreciate stories, songs, poems & rhymes
- Broaden vocabulary

Music

- Use voice & instruments with increasing accuracy, control and expression
- Improvise & compose music
- Listen with attention to detail
- Appreciate wide range of live & recorded music
- Begin to develop understanding of history of music

Science

- Biology**
 - Classify living things
 - Digestive system & teeth
 - Food chains
- Chemistry**
 - Changes of state
 - The water cycle
- Physics**
 - Sound as vibrations
 - Electricity: simple circuits & conductors

History

- British History**
 - Roman Empire and its impact on Britain
 - Julius Caesar's attempted invasion
 - Roman Empire and successful invasion
 - British resistance
 - Romanisation of Britain
- Achievements of Ancient Greece
- Greek influences on the Western World

Physical Education

- Use running, jumping, catching & throwing in isolation and in combination
- Play competitive games, modified as appropriate
- Develop flexibility & control in gym, dance & athletics
- Compare performances to achieve personal bests
- Swimming proficiency

Religious Education

- Continue to follow Diocesan plans