WELCOME TO YEAR 5/6

The classes in Year 5/6 are:

St Edith Stein
Mrs Burgess
Mrs Jones
Miss Martin

St Teresa of Calcutta
Mrs Thomas
Miss Boyejo

St Scholastica
Mr Eustace
Mrs Rowsell

"Do everything with Love"
(Corinthians 16:14)

SCIENCE

In Science, we will cover the following topics over the year:

- Evolution and Inheritance
- Animals and Living Things
- Electricity
- Animals including humans
- Light

HOMEWORK YEAR 5/6

Your child will be given weekly spellings to learn at home taken from the Year 5/6 statutory spelling list.

Your child will be expected to read at home, at least 3 times a week with an adult signing their reading diary. The diaries will be checked on a weekly basis.

Children will also be given one piece of SPAG homework and one piece of arithmetic homework. Children are welcome to complete their homework with teachers during the week at lunchtime sessions if they require additional support.

CURRICULUM

Autumn 1 – God's Creation
Autumn 2- We are One
Spring 1 – We all matter
Spring 2 – That's not fair!
Summer 1 – I am responsible
Summer 2 – A powerful world

Within each of these, we will teach the following subjects: English, maths, RE, science, PSHE, history, geography, PE, music, computing and art.

Our core texts will be:

Autumn 1 –Year 5 – The Boy at the Back of the Class Year 6 – Welcome to Nowhere
Autumn 2 – Year 5 – Boy in the Striped Pyjamas Year 6 – Goodnight Mr Tom
Spring 1 – Year 5 & 6 – The Battle for Equality
Spring 2 – Year 5 – Kensukes Kingdom Year 6 – Text Extracts for SATS preparation & The Island
Summer 1 and Summer 2 – Year 5 – Wonder Year 6 – The Final Year

MATHS YEAR 5

Number & Place Value
.Read, write and work with numbers up to 1 million.
.Understand the value of each digit in large numbers.
.Count in steps of 10, 100, 1000, etc.
.Use negative numbers and rounding confidently.

Calculations
· Use formal written methods for addition, subtraction, multiplication, and division.
· Solve multi-step problems using these skills.
· Know factors, multiples, and prime numbers.
· Multiply 4-digit numbers by 2-digit numbers.
· Divide with remainders and interpret the results.

Fractions, Decimals & Percentages
· Add, subtract, and multiply fractions.
· Convert between improper fractions and mixed numbers.
· Work with decimals to 3 decimal places.
· Understand and use percentages as parts of 100.

Measurement
· Convert between units like cm to m, g to kg, etc.
· Understand perimeter, area, volume, and capacity.
· Read and solve problems involving timetables and time.

Shape & Space
· Recognise and describe 2D and 3D shapes.
· Measure and draw angles using a protractor.
· Learn about regular and irregular polygons.
· Reflect and translate shapes on a grid.

MATHS YEAR 6

Number & Place Value
·Read, write, and compare numbers up to 10 million.
·Understand place value in large numbers.
·Use negative numbers in real-life contexts (e.g. temperatures).
·Round numbers to any degree of accuracy.

Calculations
·Use formal written methods confidently for all four operations.
·Solve complex multi-step word problems.
·Use mental maths and estimation to check answers.
·Understand and use order of operations (BODMAS).

Fractions, Decimals & Percentages
·Use all four operations with fractions.
·Multiply and divide fractions by whole numbers and other fractions.
·Convert between fractions, decimals, and percentages.
·Solve problems involving percentages (e.g. finding discounts, increases).

Ratio, Proportion & Algebra
·Understand and solve problems involving ratios and proportions.
·Use simple algebra: e.g. solving equations, finding missing values.
·Generate number sequences and describe patterns.

Measurement
·Convert between a wide range of metric and imperial units.
·Calculate area, perimeter, and volume of shapes.
·Use scale factors in maps and drawings.
·Solve problems involving time, money, and measures.

Shape & Space
·Draw and measure angles accurately.
·Recognise and describe properties of 2D and 3D shapes.
·Use terms like parallel, perpendicular, and symmetry.
·Understand translations, reflections, and rotations.
Statistics
·Interpret and draw line graphs, pie charts, and bar charts.
·Calculate and interpret mean (average) and other data.

ENGLISH YEAR 5 / 6

Reading
Apply growing knowledge of root words, prefixes and suffixes (e.g. dis-, mis-, -able, -tion).
Read aloud and understand challenging texts fluently.
Read a wide range of texts
Infer characters' feelings, thoughts and motives from their actions.
Predict what might happen next using evidence from the text.
Summarise main ideas from more than one paragraph.
Identify how language, structure and presentation contribute to meaning.
Discuss and evaluate how authors use language for impact.
Compare texts by different authors or on similar themes/topics.
Retrieve and record information from non-fiction texts efficiently.
Participate in discussions about books

Writing
Plan their writing by identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
Noting and developing initial ideas, drawing on reading and research where necessary
Select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
In narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action
Use a wide range of devices to build cohesion within and across paragraphs
Evaluate and edit by assessing the effectiveness of their own and others' writing proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning