



# St Ippolyts CE (Aided) Primary School

A copy of this curriculum overview and the current homework plan is available on the school website [www.stipps.herts.sch.uk](http://www.stipps.herts.sch.uk) (under the 'For parents' tab)

## CURRICULUM INFORMATION - Autumn 2023

Class 5

Mr Smith

### ENGLISH

Core Texts – 'Wonder' by R.J. Palacio and 'Survivors' by David Long

- Wonder - Diary entries, Character descriptions, Playscripts, Explanation texts, Persuasive letters.
- Survivors – Poetry, Recounts, Information texts, leaflets, Formal letters, Newspaper reports.

#### Grammar Objectives

Relative clauses beginning with who, which, that, where, when, whose or an omitted relative pronoun.

Elaboration of openers using adverbial phrases.

Metaphors, Personification, Onomatopoeias, Rhetorical questions, Modal verbs.

Moving sentence chunks (how, when, where) around for different effects.

Tenses: present, past simple, past progressive.

### MATHS

Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit.

Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000.

Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.

Add and subtract whole numbers with more than 4 digits, including using formal written methods.

Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.

Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers.

Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.

Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context.

Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign.

### SCIENCE

#### Life Cycles

To describe the process of sexual and asexual reproduction in flowering plants.

To describe the process of sexual reproduction in animals.

To observe and compare the life cycles of animals in our local environment with other animals.

#### Changes of Materials

To compare and group together everyday materials.

To investigate mixtures and solutions and how to separate them.

To identify reversible and irreversible changes

### RELIGIOUS EDUCATION

#### Creation and Fall

To understand the importance of creation.

To make connections between Genesis 1 and Christian belief about God as a creator.

To show understanding of why many Christians find science and faith go together.

#### Incarnation

To explain the place of Incarnation and Messiah within the story of the bible.

To explain connections between biblical texts.

### COMPUTING

#### Computing systems and networks

To understand the processes of a digital system

To understand how information is transferred between systems and devices.

To understand key processes of a system.

To recognise the role of computer systems in our lives.

To understand how to use search engines.

To understand how search engines work and what influences searching.

### HUMANITIES (History/Geography)

#### Vikings and Anglo-Saxons

To explore what Britain was like before the first Viking invasions.

To find out about the Viking invasions of Britain.

To find out about the Viking settlement of Britain and how this affected the Anglo-Saxons.

#### South America

To find out about the location and countries of South America.

To find out about the human and physical geography of South America

To compare an area of South America with the UK.

### ART / DESIGN

#### Typography and Maps

To understand what typography is and how it can be used to convey ideas and emotions.

To create our own typography and combine it with other visual elements to make artwork about chosen themes.

#### Programming Adventures

To understand how a floor robot moves and program it accurately along a given route.

To design an adventure map from a given theme.

To explain why robots move differently along different surfaces using knowledge of properties of materials.

### RSHE

#### Managing friendships and peer influence.

What makes a healthy relationship and how they make people feel included.

Peer influence and how it makes us behave.

Seeking support in friendships.

#### Physical contact and feeling safe.

Identifying what physical touch is acceptable and how to respond when it is not.

Responding respectfully to wide range of people; recognising prejudice, discrimination.

To understand everyone is treated equally.

Identifying discrimination and how to safely challenge and report it.,

### MUSIC

#### Melody and Harmony in Music

To explore the differences between melody and harmony both in vocal and instrumental context.

Appreciate and understand a wide range high-quality live and recorded music drawn from different traditions.

Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency control and expression.

### PHYSICAL EDUCATION

#### Fitness

To develop speed and stamina, agility, co-ordination, and balance.

#### Dodgeball

To throw and catch under pressure and apply this to a game.

To understand and apply tactics in games.

#### Dance

To choreograph a dance in the style of Rock 'n' Roll.

#### Hockey

To pass, receive, and dribble under pressure.

To understand and apply tactics in games