



## Curriculum Overview Year 5

### Curriculum Intent

Holy Cross Catholic Primary School is a unique and special place where our faith is at the heart of all we do. Our children learn to live the Gospel values of love, forgiveness and peace. Within our federation of Aspire London we use the National Curriculum and believe that our children deserve for it to be tailored to their needs. With this in mind we have prioritised the things we want our children to enjoy, experience and remember during their time with us.

Our curriculum at Aspire London has a set of 'drivers' developed from the deep knowledge of the pupils and their families within our School community.

The drivers which shape our curriculum ensure we give our pupils aspirational opportunities throughout their primary school years. We provide our children with the wealth of knowledge required to be informed and thoughtful members of our community and wider world. The breadth of our curriculum encourages pupils to be ambitious, develop an inquiring mind and a life-long love of learning.

### Curriculum Drivers

#### **Significant People:**

##### **Aspire London will:**

- Develop pupils' knowledge and understanding of the world and people, past and present, who shape it
- Provide identifiable role models to raise ambition and aspiration

#### **Community:**

##### **Aspire London will:**

- Immerse the children in the historically rich and diverse nature of London
- Give pupils an understanding of the positive impact of migration and a cultural appreciation of our community

#### **Equality & Justice:**

##### **Aspire London will:**

- Empower pupils to be advocates who address issues of prejudice and discrimination
- Ensure pupils value fairness and resolve differences through positive discussion

#### **Environmental Responsibility:**

##### **Aspire London will:**

- Educate children of the need to protect God's planet from environmental damage
- Create eco- friendly citizens who are aware of the impact of their individual actions and those of the wider world.

## Autumn Term

<b>English</b>	Our focus book will be 'Treason'. Children will work on character studies, report writing, diary entries, descriptive writing and poetry. We will write both formal and informal letters and diary entries and will study a range of poetry genre. Through writing we will continue to work on sentence structure, paragraphing, fronted adverbials and how to punctuate direct speech and convert it into indirect speech. In daily reading sessions children will read and discuss a wide range of fiction, poetry, plays, non-fiction and reference books.
<b>Maths</b>	This term we will focus on reading, writing, comparing and ordering 5-digit numbers, understanding the place value and using < and > signs; work systematically to spot patterns. Choosing appropriate strategies for solving mental additions or subtractions. Understanding place value in decimal numbers; using all operations with numbers with up to two decimal places. Converting 12-hour clock times to 24-hour clock times; find a time in a given number of minutes or hours and minutes later; calculate time intervals using 24-hour clock; measure lengths in mm and convert to cm.
<b>RE</b>	We will be looking at the theme of creation. We will consider how people have been searching for answers to questions about creation for thousands of years. The children will learn the meaning of God's covenant, reflecting on covenants made with Noah, Abraham and Moses.
<b>Science</b>	Children will study the properties of everyday materials including their solubility, transparency and conductivity, we will explore how some materials will dissolve in liquid and how to recover a substance from a solution. Life cycles of mammals, amphibians, insects and birds will be studied learning how some plant and animals reproduce.
<b>History/ Geography</b>	The Tudors- we will begin with looking at the Battle of Bosworth Field and how the joining of two royal dynasties came about. We will then study each Tudor monarch and their impact on our society including the six wives of Henry VIII. We will make comparisons of the rich and poor during this period of History.
<b>Computing</b>	Children will learn how to recall and explain programming terminology, have an understanding of the impact that sharing digital content and add a formula to a spreadsheet to make automatic calculations.
<b>PE</b>	Gymnastics-children will learn how to perform a range of rolls, jumps and handstands using a vault safely Dance will involve composing individual, partner and group dances which reflect a chosen dance style Games-children will develop a range of skills through Football and Basketball.
<b>Art</b>	We will explore Tudor paintings and artists; the children will study colour and pattern of Tudor art and look at famous still life work from the Tudor period.
<b>DT</b>	Children will be research Tudor rose patterns to use research different forms of textiles and using this knowledge and understanding to generate their own ideas for a Tudor Rose textile design. Children will use annotated sketches, and exploded diagrams to develop and communicate these ideas before crafting their final designs. Once complete, children will critically evaluate the quality of design, manufacture and fitness for purpose of their product.
<b>Music</b>	Children will learn Tudor History songs. We will compose pieces based on Henry VIII's six wives. Listen to Tudor ceremonial music and know about the work of John Blanke and Thomas Tallis.

<b>PSHE/RSE</b>	Children will identify different influences on their Health and Well-being establishing ways keeping safe both emotionally and physically. They will also learn about managing change including puberty, transitions and loss.
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## Spring Term

<b>English</b>	This term our focus books will be 'The Boy and a Bear in a Boat' and 'Journey to the River Sea'; we will be drawing inferences and making predictions and asking relevant questions to extend knowledge and understanding. Children will work on descriptive writing, comic strips, narrative, plays and scripts, poetry and recounts. Through our writing we will continue to work on sentence structure, paragraphing and uses of speech marks, apostrophes and modal verbs. Children will learn to plan their writing by identifying the audience for and purpose of the writing.
<b>Maths</b>	We will be learning to interpret negative numbers in context, counting through zero. Use rounding to check answers to calculations and in the context of a problem determine levels of accuracy. Identify multiples and factors, use prime numbers and their factors. Identify name and write equivalent fractions, read and write decimal numbers as fractions. To know equivalent measures between metric and imperial systems. Understand that angles are measured in degrees and identify angles at a point: a whole turn 360, a straight line 180 etc. Describe the position of a shape following a reflection or translation.
<b>RE</b>	We will be looking at inspirational people, understanding what it means to be a follower of Jesus. Explain how we are inspired by others to improve and to reflect on how Christians show love for others. We will learn and understand the importance of the Sacrament of Reconciliation, reflecting on the consequences of our actions and know that God forgives those who are truly sorry.
<b>Science</b>	We will describe the changes as humans develop and mature to old age, understanding and ordering the stages of growth and development in humans. Children will learn about changes to themselves through puberty and know gestational stages of some animals.
<b>History/ Geography</b>	Children will study the countries that South America comprises of, understand the climate and the physical process that underpin it. They will learn about mountains and understand key aspects of human geography. We will learn about the ecological importance of the rainforest. Understand the concept of tourism and identify some of the popular attractions and appreciate some elements of the Brazilian culture.
<b>Computing</b>	Children will learn to recall what a database is, identifying their use in daily life. We will identify examples of quest games and recall the effective features of a game.
<b>PE</b>	Gymnastics: Children will learn confidently the placement of their body parts in balances and to perform jumps, shapes and balances with control Dance: to know how to change pace and timing on their movements to perform with accuracy and control Games: Through the game of Tennis children will learn how to serve in order to start a game, knowing when to apply different strokes/shots
<b>Art</b>	Children will plan a design a mixed media rainforest landscape through printing and collage, using a range of techniques such as overlap and montage. They will investigate different methods of printing on a variety of materials.
<b>DT</b>	Children will research popular South American dishes, understanding how food grown in this area affects the ingredients used and how this supports our nutritional requirements. Children will then create a recipe based on their research and demonstrate how to prepare and cook these, safely and hygienically.

<b>Music</b>	Children will study simple structures and repeated motives, they will explore music of the Rainforest, learning about timbre and how it becomes apparent in the music of the Rainforest.
<b>PSHE/RSE</b>	We will look at how to maintain a variety of healthy relationship within a range of social and cultural contexts. Children will be encouraged to learn how to recognise and manage emotions within a range of relationships.

## Summer Term

<b>English</b>	This term our focus books will be 'Odysseus' and 'Shackleton's Journey', we will identify themes and make comparisons and evaluate how authors use language and the impact of this on the reader. Children will explain their understanding through presentations and debates articulating and justifying answers and opinions. We will learn how to build cohesion and atmosphere into writing and assess writing through evaluation and editing.
<b>Maths</b>	To know and identify Roman Numerals to 1000 and recognise years written in Roman numerals, recognise square and cube numbers. Solve multi-step problems in context deciding which operations and methods to use and give reasons for our choices. Read and write numbers with up to three decimal places, recognise the percent symbol and understand what percentage represents. To know the formula for calculating the area of rectangles, squares, triangles and parallelograms. Distinguish between regular irregular polygons based on reasoning about equal sides and angles. Recognise various representations of data including timetables.
<b>RE</b>	Children will know and understand that Jesus is risen and is present among us in a variety of ways. We will reflect on the importance of Prayer and the many different ways we can do this. We will study in detail the Our Father and Rosary. Children will also reflect on similarities and differences between Christianity and other religions learning what the Catholic Church teaches us about relations with other religions.
<b>Science</b>	We will learn that the Sun is a star and the centre of our solar system that has eight planets, children will describe the movement of the Earth and Moon and its impact. They will explore the concept of gravity and the force of gravity between an object and the Earth. Identify the effects of air and water resistance and the effects of friction.
<b>History/ Geography</b>	Children will research and learn about the different periods of Ancient Greek History. Finding out about ruling systems, trade and democracy. We will undertake a study of the lifestyle of the Ancient Greeks and in the importance of Greek gods.
<b>Computing</b>	Children will use 2Animate to create a computer aided design. They will create a concept map and understand its use to present to an audience. We will use enhanced features of Word, using tables and templates, making consideration of layout
<b>PE</b>	Gymnastics: Children will know how to apply skills and techniques consistently and how to combine equipment with movement to create sequences. Dance: how to use criteria to evaluate their own and others performance, understanding why particular techniques effect their performance. Games: Through the game of Hockey to learn when to pass and dribble to keep possession of the ball in a team game.
<b>Art</b>	Children will research Greek vases and their uses, we will learn the range of pottery styles and interpret the meanings of patterns and images on the vases. The different shape of vases and materials used will be studied to gain a greater understanding of the lifestyles of the Ancient Greeks.

<b>DT</b>	Children will research a range of mechanical construction equipment and design an innovative and appealing product incorporating their knowledge and understanding of mechanical and electrical systems which have an input, process and output. Children will then critically evaluate the quality of design, manufacture and fitness for purpose of products as they design and make, making changes as needed.
<b>Music</b>	Children will discover the importance of tempo in Greek music, learning songs about Greeks Myths and dancing. We will listen to and analyse Chichester Psalms.
<b>PSHE/RSE</b>	These term children will be working on how to recognise risky or negative relationships including forms of bullying and abuse. They will gain the knowledge of how to respond and ask for help. We will also look at equality and diversity in relationships.