



Curriculum Overview Year 4



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

English	During English lessons, we will read 'The Miraculous Journey of Edward Tulane' by Kate Dicamillo and 'Into the Forest' by Anthony Brown. We will identify the audience for and purpose of the writing, selecting the appropriate form and use other similar writing as models for our own. We will prepare poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience. We will evaluate and edit proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning. We will draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence.
Maths	During Maths lessons, we will count in multiples of 6, 7, 9, 25 and count backwards through zero to include negative numbers. We will identify, represent and estimate numbers using different representations and read Roman numerals to 100. We will learn to find 1000 more or less than a given number and recognise the place value of each four-digit number. We will round to the nearest 10, 100 and 1000 and estimate and use inverse operations to answer a calculation. We will add and subtract numbers up to four-digits using formal written methods and recall multiplication facts up to 12x12.
RE	In our topic, The Bible, we will look at how the Bible is an account of God's relationship with his people and it is how He speaks to us. We will think about how this can help us in our life. We will learn the stories of when God called Abraham, Joseph and Moses and their response to His call. During our topic, Trust in God, we will reflect on the importance of doing just that. We can learn from Mary and Joseph who did trust God. We will learn about Advent and how it is a time for us to prepare in our hearts and minds for the birth of Jesus.
Science	We will study Electricity. We will look at how to stay safe when using electricity and how to construct a simple series circuit. We will increase our understanding through questioning and research. We will look at switches and understand that they open and close a circuit to stop and start it. We will learn about some common conductors and insulators.
History/ Geography	We will be learning about the Anglo-Saxons and why, where and when they invaded Britain. We will look at the influence they made on Britain today. We will learn about the religious beliefs of the Anglo-Saxons and understand the conversion to Christianity by many.
Computing	We will be working on our coding skills and learning about spreadsheets. We will also be learning about how to protect ourselves from online identity theft through understanding that all information put online leaves a trail or footprint. We will discuss the need to balance screen time with other important aspects of life.
PE	In Gymnastics we will be working on rolls, jumps, vault, handstands, cartwheels and round offs as well as travelling and linking actions. In Games we will concentrate on striking and hitting a ball in cricket, throwing, catching and travelling with a ball in rugby. We will learn tactics and rules essential for fair play. We will evaluate performances and learn from one another.
Art	We will be focussing on Drawing and Textiles and looking at how to use different materials to create the best effect. We will focus on line, tone,

	pattern, light and shade to improve our drawing.
DT	We will research Anglo-Saxon homes and settlements and explore and evaluate existing products, explaining the purpose of the product and whether it is designed well to meet the intended purpose. We will follow a simple design for an Anglo-Saxon dwelling and assemble, join and combine material and components with some degree of accuracy
Music	We will learn about orchestras and sorting music instruments into groups such as strings, woodwind, brass and percussion. We will continue to use 3 and 4 beat patterns and begin to use 5 and 7 beats.
PSHE/RSE	Me and My Relationships Valuing Difference

Spring Term

English	We will read the texts 'Arthur and the Golden Rope' by Todd Stanton and 'The Ice Palace' by Robert Swindalls. We will write narratives, considering how authors have developed characters and settings in what we have read, listened to or seen performed. We will use a wide range of devices to build cohesion within and across paragraphs, using further organisational and presentational devices to structure text and to guide the reader and use correct subject and verb agreement when using singular and plural, distinguishing between the language of speech and writing and choosing the appropriate register.
Maths	During our Maths lessons we will use place value to multiply and divide mentally, including multiplying up to 3 numbers. We will learn to recognise and use factor pairs and multiply two-digit and three-digit numbers. We will solve problems including multiplying and adding to multiply two-digit numbers by one digit. We will learn to count up and down in hundredths and recognise that hundredths arise when dividing an object by 100 and dividing tenths by ten. We will recognise equivalent fractions and add and subtract fractions with the same denominator. We will know what non-unit fractions are and calculate quantities. We will measure and find the area of rectilinear shapes.
RE	When learning about Jesus The Teacher we will consider when Mary and Joseph took Jesus to the Temple and what that trip means for us. We will learn about the Baptism of Jesus and remind ourselves of what Baptism represents for us. We will discuss how Jesus travelled to see people and teach them about the Good News. In our topic of Jesus, The Saviour we will look at Jesus as being God and human and what this means for us. We will focus on the importance of Holy Week and the events included in this; Maundy Thursday, Good Friday, Easter Sunday. We will consider why Jesus needed to die on a cross and celebrate the importance of his resurrection.
Science	In our study of States of Matter, we will learn about solids, liquids and gases. We will experience materials changing state when they are heated ie ice, wax, water. We will look at how evaporation and condensation work and how this plays a part in the water cycle. We will also study Sound this term. In this topic we will learn how sounds are made and how sound travels. We will experiment using a wide range of musical instruments.

History/ Geography	We will be looking at the continent of Europe and its significant physical and human geographic features. We will look at weather patterns across the continent and the role of the European Union. We will focus on the European area of Russia looking at its main cities and historic landmarks.
Computing	We will learn about animations and how to create them using appropriate software.
PE	In Dance we will focus on dance sequences with a partner, improvisation and begin to develop precision and control in response to stimuli. We will be taught rhythm and spacial awareness and will use simple dance vocabulary when comparing and improving work. In Cricket we will continue to learn rules and develop our skills.
Art	We will be working on collage and painting, using a range of brush techniques, mixing water colours and reproducing painting as a piece of collage using chosen materials.
DT	We will research a traditional European dish and create a dish based on this. We will use a range of techniques such as mashing, whisking, crushing, grating, cutting, kneading and baking and will cut, peel and grate ingredients, including measuring and weighing ingredients using measuring cups, jugs, scales. We will understand that to be active and healthy, nutritious food and drink are needed to provide energy for the body. We will understand how to prepare and cook savoury dishes safely and hygienically.
Music	We will be learning about the production of sound through the vibration of instruments. We will also investigate how the voice produces sounds and how to control our breathing when singing in order to produce the highest quality sounds.
PSHE/RSE	In learning about Keeping Myself Safe children will explore strategies for managing risks considering online safety as a priority. Children will also focus on how to limit the spread of germs. In our topic Rules, Rights and Responsibilities we will look at how people in our school and local community stay healthy and safe. We will look at rules and those which apply across the country. Children will begin to learn about wages and payslips, looking at vocabulary such as income and expenditure, income tax, VAT and National Insurance.

Summer Term

English	During our lessons we will read 'The Story of Tutankhamun' by Patricia Cleveland and 'Tom's Sausage Lion' by Micheal Morpurgo. We will evaluate our work by proposing changes to grammar and vocabulary to improve consistency, including the accurate use of pronouns in sentences and use noun phrases, fronted adverbials and present perfect form. We will extend the range of sentences with more than one clause by using a wider range of conjunctions and peer edit, checking for punctuation errors and proposing vocabulary changes. We will increase our familiarity with a wide range of books, including fairy stories, myths and legends and retell some of these orally. We will predict what might happen from details stated and implied.
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Maths	During our lessons we will recognise and write decimal equivalents and round decimals to with one decimal place to the nearest whole number. We will compare numbers with the same number of decimal places up to two decimal places. We will solve simple measures and money problems, including fractions and decimals to two decimal places. We will convert between different units of measure and solve problems involving converting from hours to minutes, minutes to seconds, years to months and weeks to days. We will identify lines of symmetry in different orientations and describe positions on a 2-D grid. We will interpret and present continuous and discreet data using graphical methods.
RE	In our topic, The Early Christians, we will learn about Jesus making Peter the head of the Church and reflect on what this means for all Christians. We will reflect on the challenges of being an apostle and will learn the story of St Paul and his courage and faith. When learning about The Church we will consider the church as a family we belong to. We will learn about the seasons of the church and why each of these is important. We will learn that God calls each of us and we can respond in different ways to the call. We will reflect on Mary's response to her call from God. We will celebrate the joyful mysteries of the rosary.
Science	In our topic Animals Including Humans we will learn about the different systems and functions of parts of our bodies. We will look carefully at the job of the digestive system. We will identify different types of teeth in humans and how to care for them. We will research how teeth vary between carnivores and herbivores. In our study of Living Things and Habitats we will learn to group living things in a variety of ways. We will look at our local environment and identify living things we see and compare with living things in other environments. We will look at environmental changes both positive and negative and describe environmental dangers to endangered species.
History/ Geography	We will be studying Ancient Egypt and will learn about life there. Children will learn about famous aspects of this historic period including mummification and hieroglyphs! We will look at the importance of the River Nile to the people of Ancient Egypt and learn about significant figures from the period such as Cleopatra and Tutankhamun.
Computing	We will understand what a search engine is and use search effectively to find out information. Children will recall how a web browser works. We will learn about the hardware in a computer and recall the different parts that make up a computer.
PE	In Gymnastics we will further our knowledge of shapes and balances as well as competing and performing. In Athletics we will focus on improving skills in running, jumping and throwing. We will compete and perform in each of these areas.
Art	We will focus on Sculpture this term, understanding what it is and looking at a range of historical pieces. Linking to the Egyptian theme of our learning we will look at hieroglyphs and papyrus paper.
DT	We will follow a design brief select from a range of tools and equipment, explaining our choices. We will design our own shaduf based on research and build a more complex crane using levers and pullies. We will evaluate technological developments and designs that have helped shape the world of construction and use computer-aided design to develop and communicate our ideas
Music	We will increase our musical vocabulary by learning about long and short sounds – legato and staccato. We will investigate the difference between theme and accompaniment. We will widen our musical knowledge by learning about chamber music, symphonies and concertos.
PSHE/RSE	In the topic Being my Best we will look at the fact that everyone is unique and there are times children will make the same choices as their friends and times when they will differ.

In our topic of Growing and Changing children will learn about the changes that happen to people during their lives and that different people can help them when they find changes difficult. We will discuss marriage and understand that it is a commitment to be entered into freely and takes a range of forms.