



# The Cape Primary School

• Excellence through partnership •

Year 5

## In English...

We will read the text *Street Child* by Berlie Doherty this Autumn term. We will be studying the features of diaries, narratives, recounts and letters this term focusing on both language and structural features. It will be important for us to use a range of sentence types and we will begin to incorporate a greater variety of punctuation. We will regularly read through our work to ensure that we are producing high quality writing to engage our readers. Children will also focus on proof-reading their work to identify preventable errors and areas for improvement.

During reading sessions this term, Year 5 children will read a wider range of texts to further develop their vocabulary skills. They will participate in discussion around comparing and contrasting texts.

## In Maths...

This term we will be using our place value knowledge up to one million. We will be able to confidently count up in powers of 10 using mental methods, pictorial representations and practical resources.

Pupils will be able to round confidently to the nearest 10, 100, 1000 and 10,000.

We will also be focusing on representing the same number in a variety of different ways using partitioning, bar models, place value charts and part-whole models.

We will also explore roman numerals alongside rounding. Throughout the term, pupils will work through addition and subtraction problems and continue to develop their reasoning skills.

## In Science...

In our Forces unit children will explain that unsupported objects fall towards the Earth because of the gravity acting between the Earth and the falling object. They will identify the effects of air resistance and how it acts between moving surfaces. They will recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect. They will identify the effects of air resistance, water resistance and friction, that act between moving surfaces.

In our Space unit children will describe the Sun, Earth and Moon as approximately spherical bodies. They will describe the movement of the Earth, and other planets, relative to the Sun in the solar system. They will describe the movement of the Moon relative to the Earth and use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

## What you need to know about Year 5

### PE days

5A— Tuesday and Friday  
5B—Wednesday and Friday  
5C - Monday and Friday

### Homework

Spellings are handed out on Fridays and will be tested the following week.

Reading books can be changed at any point during the week when pupils have finished their current reading book and returned it. **Parents need to sign to say they have heard their children read.**

Reading plus and Times Table Rock Stars are accessible online at home and to be completed weekly as part of their homework. Pupils have been given their login information.

### Important dates

Monday 14th October - Wednesday 16th October - **Edgmond Hall**  
Wednesday 23rd October—**school photographs**  
Thursday 24th October - **Learning Together Day**  
Friday 25th October - **Inset Day**  
Monday 28th October- Friday 1st November - **Half Term**

## In P.E...

**Basketball:** Children will be able to use specific basketball skills confidently i.e. pivoting, dodging, bounce pass and previously learnt skills. They will be able to increase power and strength of passes, moving the ball over longer distances. Children will understand some of the rules and positions in basketball and be able to play efficiently in different positions on the court.

**Cricket:**

In this unit children will demonstrate the correct body position whilst batting and fielding. Children will begin to choose which fielding technique is needed for different situations.

Children will begin to throw and catch whilst moving and attempt the push shot.

Children will begin to vary their bowling technique, using quick or spin bowl and apply this into game based situations.

Children will be able to explain the basic rules of cricket including bowls per over.

**Gymnastics:** Children will be able to perform a range of sitting, support, lying and standing shapes accurately. They will be able to perform a straight jump with a  $\frac{1}{4}$  and  $\frac{1}{2}$  turn whilst maintaining balance. Children will attempt a completed a head stand safely whilst being supported by a partner and attempt to perform a cartwheel with increased speed and composure. Children will be able to choreograph complex and well executed sequences including mirroring/matching/cannon with varying dynamics, levels and directions. They will be able to comment on the effectiveness of a performance.

**Football:** Children will confidently use the correct technique when passing the ball (including their strong and weak foot) They will be able to change direction with the ball at speed and be able to pass the ball into a space rather than to a team mate. They will be able to dribble towards an opponent and attempt to beat the player.

They can implement the skills and tactics into a game situation and confidently show and explain basic rules of the game. They will be able to explain the different positions of players and play in these positions.



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## In Computing...

This term the children will be focusing on computing systems and networks. They will develop their understanding of computer systems and how information is transferred between systems and devices. Children will consider small-scale systems as well as large-scale systems. They explain the input, output, and process aspects of a variety of different real-world systems. Learners discover how information is found on the World Wide Web, through learning how search engines work (including how they select and rank results) and what influences searching, and through comparing different search engines.

## In Music...

This half term we will further develop our understanding of the differences between quavers, crotchets, minims and semibreves. Pupils will recall style indicators of orchestral music and identify the tonality of the piece (major, minor, blues). They recognise the style indicators associated with Gospel music, its origins & the wider social and cultural applications of this genre. By the end of the term pupils will be able to play tuned instruments (glockenspiel) using the notes: F, G, A flat, B flat & C and sing a broad range of songs from an extended repertoire with a sense of ensemble and performance.

## In Creative...

In Art & Design children will create their own painting of the 'Black Country' whilst learning about the qualities of acrylic paint. They will focus on the techniques of three Victorian artists then choose their favourite technique to create their final piece. Children will develop their ability to control colour when painting; for blending and reducing hue. They will also build on knowledge from year 4 learning that darker and lighter colours can be added to create tints and shades instead of black and white.

In Design & Technology Mechanisms - Children will build on their work in year 4 involving gears and pulleys in order to understand how cams can be used to produce different types of movement and change the direction of movement when making a cam toy as part of their work on Victorians. They will generate innovative ideas by carrying out research in order to develop a design specification to guide their thinking which will be represented through prototypes as well as annotated and exploded diagrams. Children will select from and use a range of tools and equipment to make products that are accurately assembled and well finished as well as learn to work within the constraints of time, resources and cost. They will test products with the intended user and critically evaluate the quality of the design, manufacture, functionality and fitness for purpose, whilst considering the views of others to improve their work.

In Geography children will focus on the Black Country and its geographical significance in the development of industrial Britain during the Victorian era. They will begin to use 6-figure grid references to locate features of the area on a map whilst beginning to understand how the economic activity in an area is developed through trade links with other places.

In History children will learn about what life was like in the Black Country during the Victorian era. They will develop their chronological understanding further, comparing periods of history through interval and when creating timelines, children will create their own scale when given the start and end date. Children will begin to use sources of evidence to form and investigate hypotheses as well as make good suggestions of suitable evidence which can be used to back up conclusions.

## In PSHE...

Health and Well-being is the focus: children will, explain importance of adopting healthy lifestyle choices for long term health benefits.

Recognition of health warning signs including allergies.

Maintenance of personal hygiene practices for social etiquette & reduction of bacteria and virus spread.

Can offer basic First Aid & assess if Emergency Services are required.

In this unit children will, identify ways of gaining help to deal with grief & how to face such challenges.

Discuss the acceptance of differences, personal achievements as well as mistakes in-order to set personal goals.

Identify different risks & decide how to keep myself safe (illegal drugs, online safety, prescribed medicines, cigarettes, vaping, alcohol, knife crime, anti-social behaviour & peer pressure).

## In MFL...

Children will repeat and recognise the vocabulary for weather. Ask what the weather is like today. Say what the weather is like today. Create an Italian weather map. Describe the weather in different regions of Italy using a weather map with symbols. Repeat and recognise the months of the year in Italian. Ask when somebody has a birthday and say when they have their birthday. Say the date in Italian. Create an Italian calendar. Recognise key dates in the Italian calendar.

## In RE...

In this unit of work children will identify some different types of biblical texts and make connections between biblical texts and Christian ideas of God. They will show how Christians put their beliefs into practice in worship. They will weigh up how biblical ideas and teachings about God as holy and loving might make a difference in the world today.

In this unit of work children will explain beliefs about the value of religious and cultural diversity in their local town. They will describe examples of texts which explain why honouring all humans is important. They will also make clear connections between belief in the 'Golden Rule' and the needs of a mixed community. They will give examples of the impact of inter faith work in our community and explain the importance of tolerance, respect and liberty for all in making a community that is harmonious.

