The Cape Primary School

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Year 6

In English…

Children will be using the texts 'The Firework Maker's Daughter' and 'The Boy at the Back of the Class' as a stimulus for their own writing, which will include: instructional writing, persuasive letters, quest and suspense story writing and newspaper articles. They will be expected to use their comprehension skills in order to explore the texts by asking and answering questions as well as developing their vocabulary through the introduction of new words. A variety of sentence types and punctuation marks will be investigated, which children will be expected to use in their own writing. Children must know how to spell the year 5 and 6 key vocabulary and use the words correctly in their own writing. Children will also be focusing more closely on comprehension skills through a mixture of guided and whole class reading sessions throughout the year.

In Maths…

Children will need to know the place value of digits in numbers up to 10,000,000 and use this knowledge when partitioning, ordering and rounding numbers. They will understand the use of negative numbers in practical contexts i.e. measuring temperature. Children will learn how to use a range of methods for all four operations and must be able to apply these methods when solving worded problems. They need to be able to explain which methods are the most efficient and why. Children will use the four operations when working with fractions and decimals. They will be learning about place value, rounding, ordering and comparing decimal numbers.

In Science…

Children will identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. They will describe ways in which nutrients and water are transported within animals, including humans. They will recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.

Children will use recognised symbols when representing a simple circuit in a diagram. They will compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches. They will associate brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. Children will use recognised symbols when representing a simple circuit in a diagram.

What you need to know about Year 6

Important dates this term:
22nd October—Learning Together Day
23rd October– INSET Day
21st October-Break up for Half term holiday
31st October-deadline for secondary school applications
18th December—Break up for Christmas holiday at 1.30pm

Staff working in Year 6:
Miss Edwards, Mrs Silk, Miss Ternent, Mrs Sullivan, Miss Chapman
Mrs Rahim, Mrs Kauser, Miss Parveen

Our P.E days are:
6A– Thursday
6B– Thursday
6C– Thursday
Some children will be swimming on Thursday's. These families have been notified.
Please ensure children wear the correct kit on each day and all jewellery is removed and hair tied back.

You can help at home by:
-Encouraging use of Reading Plus and TT Rockstars.
-Practising spellings.
-Ensuring all belongings are labelled with your child's name and class.
-Ensuring your child wears the correct uniform with **BLACK** shoes.
-Listening to your child read their allocated home reader.

In P.E…

Gymnastics:
In this unit children will perform rotational jumps (including full rotations) accurately and with control. Children will enter and exit a handstand with control, supported by a partner if needed. They will perform a circle roll with good control. 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 transfer their sequence onto suitably arranged apparatus and floor. Children will use their gymnastics knowledge to comment and analyse performances and suggest improvements.

Hockey:
In this unit children will be able to dribble using the 'Indian' dribble technique and use this method to advance towards a team's goal. They will be able to use a range of passes including square pass, straight pass and 'chip' and know which one to use depending on the distance of the pass. Children will be able to participate in team games, developing their simple tactics for attacking and defending.

Netball:
In this unit children will confidently use netball skills such as pivoting, passing, marking and shooting. They will know which pass to use in different game situations and be able to develop the accuracy and power in these passes. Children will be able to participate in team games, developing tactics for attacking and defending. They will know the different positions.

Rounders:
In this unit children will demonstrate the correct body position whilst batting, bowling and fielding. They will be able to select the best technique for fielding and bowling and apply this into game situations. Children will be able to perform the long barrier whilst moving and know when best to use this technique.

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In Computing…

We will be reviewing existing websites and considering their structure in order to plan the features of our own web page. Children will learn to understand who owns the content found on the internet as well as the concept of copyright. Children will recognise the need to preview pages in order to understand whether or not they are age appropriate. We will also learning how to use a microbit and explore its functions, and use Tinkercad in order to design and create a code that allows human disasters to be detected. Children will then be challenged to evaluate and edit their code in order to debug errors.

In Music…

We will be listening to and appraising a variety of different songs and developing our skills around composing and improvising different melodies on a tuned instrument (in this case the glockenspiels). We will also continue to work on our performance skills. In addition to this, our second unit of Music focuses on using 'YuStudio to tell a story and create atmosphere for 'Spooky Stories'. Through using digital tools, their voices, sound effects, musical motifs, improvising and composing, children learn how to structure their ideas to match a storyline, develop their understanding of musical expression, timing and performance while working collaboratively to create and perform their own spooky soundtrack.

In Creative…

In Art & Design children will be creating landscape paintings of North America in the style of Georgia O'Keeffe. They will build on their knowledge of foreground, midground and background in order to create a layered painting. They will learn to understand how colours can be chosen to create mood and atmosphere. Children will also learn how to use mixed media in order to create a layered effect.

In Design & Technology (Electrical systems) children will build on their knowledge from year 4 of how to build a simple circuit so as to develop their understanding of the essential characteristics of a series circuit to create a battery-powered, functional, electrical product and apply their understanding of computing to program, monitor and control their products. They will research to develop an innovative design specification for a functional product that responds automatically to changes in the environment and communicate ideas through annotated sketches and pictorial representations of electrical circuits or circuit diagrams. Children will competently select and accurately assemble materials, and securely connect electrical components to produce a reliable, functional product. They will continually evaluate and modify the working features of the product to match the initial design specification as well as test the system to demonstrate its effectiveness for the intended user and purpose. Children will also investigate famous inventors who developed ground-breaking electrical systems and components.

In Geography children will complete an in depth study of North America. Children will learn to apply what they know about physical and human features, as well as climate zones, in understanding why some locations are more vulnerable to flooding and drought than others. They will use a range of maps to study land use, climate zones, population densities, height of land as well as contours and slope. History is not taught in the autumn term.

In PSHE…

In this unit children will, plan towards long term heath (exercise, nutrition, sleep) and avoidance of bad habits (inactivity, fatty or sugary products). Plan daily hygiene practices with a view to identify signs of physical illness. Can use First Aid techniques to deal with common injuries & know how to call Emergency Services.

In this unit children will, identify that feelings change and range in intensity, & explore how to manage & respond appropriately. Identify positive things about oneself & set achievable goals. Explore how to face new challenges: collecting information, seeking help, making responsible choices and talking to others. Identify how to take responsibility for own safety along with possible consequences (grooming, drug awareness, county lines, carrying knives, railways, waterways, electricity pylons, fireworks, online).

Our Promise to Year 6

In maths we will make sure you…

1. Use my strong understanding of numbers to 1,000,000 to solve calculations with greater fluency.
2. Understand the value of numbers within the number system in order to recall number facts fluently.
3. Understand how to use concrete resources, representations and mental strategies to help you with your Maths.
4. Talk about your Maths learning using resources, representations or mental strategies.
5. Use the correct Mathematical vocabulary.

(all of this will be done against the year 6 curriculum)

In English we will make sure you…

1. Make sure you take pride in your writing by ensuring it is clear, legible and joined correctly.
2. Can use **commas, brackets and dashes** for parenthesis.
3. Use **semi-colons, colons and dashes** to mark boundaries between independent clauses.
4. Can correctly apply and use a range of **conjunctions** including contrast, according to their purpose.
5. Can spell the words from the year 5 and 6 spelling list correctly and use them in your writing..
6. Read your writing back to check it makes sense in order to build cohesion within your writing and use verb tenses consistently and correctly in your work.

In RE…

In this unit of work children will explain beliefs about holy buildings and God's presence from different religions. They will study sacred texts which explain worship and sacred space. They will make clear connections, explain differences between and raise questions about the value and impact of worship and the significance of 'holy space'.

In this unit of work children will describe at least three examples of ways in which religions guide people in how to respond to good and hard times in life. They will identify beliefs about life after death in at least two religious traditions. They will also give examples of ways in which beliefs about resurrection/judgement/ heaven/ karma/ reincarnation make a difference to how someone lives.

In MFL…

In Autumn 1, children explore the unit of 'clothes' and they will repeat and recognise the vocabulary for various items of clothing in Italian, and be able to say what they wear in different weather. They will continue to use the four main skills of speaking, listening, reading and writing throughout.

In Autumn 2, pupils will learn the nouns and definite articles/determiners for 10 school subjects in the foreign language. They will also learn how to conjugate the verb "to study", an introduction to time and an expansion of opinions. By the end of the unit pupils will have the knowledge and skills to talk about the subjects they like and dislike at school (along with a justification) and at what time/day they study various subjects.

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