

Year 4 Overview Spring 2024

	In class your child will....	At home you could.....
Science		
Sound	Children will learn how sounds are made, associating some of them with something vibrating. They will learn to recognise that vibrations from sounds travel through a medium to the ear. Children will find patterns between the pitch of a sound and features of the object that produced it, between the volume of a sound and the strength of the vibrations that produced it as well as how far the ear is from the object. They will also develop scientific skills of observation, recording and measuring.	<i>Listen to any musical instruments you may have, identifying how they make their sounds. Make a string telephone and investigate how it works.</i>
Electricity	Children will learn about the basic scientific principles of electricity. They will understand, and experience, how to make a basic circuit. They will learn the difference between a complete and a broken circuit Children will learn about the significance of electricity in our daily lives and the vital importance of electrical safety.	<i>Talk about appliances around the home and the difference between battery powered objects and mains powered objects. Discuss electrical safety, especially if you see electricity pylons or substations when out and about.</i>
Computing		
Multimedia and technology in our lives	Children will have the opportunity to devise their own invention aimed at helping an individual or demographic. Children will learn about how to design their invention, before producing a research report about their chosen invention based on survey questions they have formulated.	<i>Practise word processing skills, being able to select, edit and manipulate text in different ways.</i>
Databases	Children will consider how and why data is collected over time. Children will consider the senses that humans use to experience the environment and how computers can use special input devices called sensors to monitor the environment. Children will collect data as well as access data captured over long periods of time.	<i>Talk with your child about where they might see data being collected (e.g. weather reports) and how this is used.</i>
Religious Education		
What does it mean to be Hindu in Britain today?	Children will have the opportunity to study the key features of worship and what worship means to a believer in Hinduism. Children will explore practices of worship and how important festivals are to the Hindu identity.	<i>Talk with your child about any festivals or religious ceremonies that they have taken part in and how they made them feel.</i>

Geography		
United Kingdom	Children will learn about the human and physical geography of the United Kingdom and the four nations of England, Scotland, Wales and Northern Ireland. Children will compare different parts of the United Kingdom and learn about a variety of diverse landscapes that can be found in the United Kingdom. Children will further develop their understanding of atlases and maps.	<i>Talk about where you are traveling when taking journeys. Discuss the Geographical layout of the United Kingdoms, using the vocabulary of North, South, East and West. The weather forecast is a great opportunity for this.</i>
Design Technology		
Light boxes	Children will have the opportunity to design and manufacture their own light box sign, considering the purposes of different illuminated signs. Children will learn about the different materials and techniques that could be used to make their own product.	<i>Talk to your child about different signs that they might see when out and about and what the purpose of these signs are.</i>
Art		
Printing	Children will look at various natural and commercial patterns. They will explore patterns through a variety of media before creating their own printing patterns.	<i>Children will look at various natural and commercial patterns. They will discuss the work of William Morris before creating their own printing patterns. Look at patterns in their home. Are they repeating patterns? Are they likable patterns?</i>
Personal, Social and Health Education		
Dreams and goals	This term, children will explore dreams and goals and think about what it means to be resilient. Children will think about how other people can help them achieve their short, medium and long term goals.	<i>Talk to your child about their goals and dreams and discuss how they could take steps towards them.</i>
Healthy Me	Children will understand how to be healthy both mentally and physically. We will explore the importance of healthy eating, regular exercise and the importance of good relationships for mental wellbeing.	<i>Discuss with your child what they and you like to do to stay active. Perhaps your child could help to make healthy choices with meals at home.</i>

Music		
Musical Structures	Musical sections that repeat or change help create the structure, or form, of a piece of music or a song. Singing and listening will be at the heart of each lesson. Children will play, improvise and compose using a selection of these notes: C, D, E, F, G, A, B♭	<i>Look for patterns in the sections of music and songs that they enjoy listening to.</i>
Compose with your friends	Music is often written based on various key signatures that guide melodies used in the music. There is often a note that sounds like 'home', or where a melody should 'land'. This is called the 'tonic pitch' or the 'home note' and makes a melody or a song sound final – like it has been resolved. Children will explore this concept whilst creating their own music.	<i>Practice listening, singing, and playing instruments to explore this important note in music.</i>
Physical Education		
Gymnastics	Children will develop knowledge of gymnastics balances and develop ability to hold a balance. We will learn about travelling in a variety of ways and apply these to routines.	<i>Demonstrate and practice balances at home. Ask your child to show you balances and discuss the importance of core strength.</i>
Dance	Children will be introduced to ballet, the role of a stage designer, and to ideas about how stories are brought alive on stage for an audience. Children will explore telling story through movement.	<i>Browse the royal opera house website and watch professionals perform on stage. Discuss the roles of each characters and the importance of shape, facial expressions and movement.</i>
Languages		
Au salon de thé	Learn, remember and recall a wide variety of foods, snacks, and drinks (with their indefinite article/determiner) typically served in a salon de thé. To understand better how to change a singular noun to plural form. Perform a short role-play ordering what they would like to eat and drink.	<i>Play some games to practise the vocabulary for this topic.</i> <i>Go to the website https://www.languageangels.com/schools/</i> <i>Click on 'LOGIN'</i> <i>Select 'PUPIL LOGIN'</i>
En classe	Learn, remember and recall 12 classroom objects with their indefinite article/determiner. Replace an indefinite article/determiner with a possessive adjective. Say and write what they have and do not have in their pencil case.	<i>Your username and password are as follows -</i> <i>4C Username: year4c_5546 Password: LA2022</i> <i>4W Username: year4w_585 Password: LA2022</i> <i>Select 'GAMES' and then click on 'LEVEL 4'</i> <i>Then select our topics 'Au salon de thé' or 'En classe'</i>