

St Anne's C of E Primary School Curriculum Plan

Subject: Science

Year: EYFS

Term: Whole Academic Year



Unit: All



Vocabulary	Knowledge	Understanding	Skills
	Children will know (that)	Children will understand (that)	Children will be able to
<p>living - things that can move, breathe, grow and eat.</p> <p>tree - a living thing, which is a type of plant.</p> <p>adult - something or someone who has grown in age and appearance over time.</p> <p>young - something or someone who is new to the world and has not grown much.</p> <p>non living - something which does not breathe or move.</p> <p>pet - a tamed animal.</p> <p>sea - a large body of water.</p>	<p>People, Culture and Communities features of their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps.</p> <p>The Natural World know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.</p> <p>names of the different seasons in a year (Autumn, Winter, Spring, Summer).</p>	<p>People, Culture and Communities</p> <p>The Natural World some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p> <p>different seasons have different signs and weathers.</p>	<p>Question -ask questions to find out more. ask questions to clarify their understanding.</p> <p>Plan -plan and make decisions about how to approach a task, solve a problem and reach a goal.</p> <p>Set-up -make predictions.</p> <p>Observe -explore the natural world around them, making observations and drawing pictures of animals and plants.</p> <p>-make links and notice patterns in their experience.</p>

<p>ocean - a very large expanse of sea.</p> <p>habitat- the natural home where an animal lives.</p> <p>desert - dry land with little vegetation.</p> <p>farm - land used for growing crops or raising animals.</p> <p>bird - a creature with wings and feathers which is usually able to fly</p> <p>nest - the place where a bird lays its eggs and takes care of its young.</p> <p>build - to make something out of materials.</p> <p>mud - soft, wet dirt</p> <p>grass - plants that have narrow green leaves.</p> <p>museum - a collection which displays objects having scientific, historical or artistic value.</p> <p>meteorite - a piece of rock that has fallen to the ground from outer space.</p> <p>dinosaur - an animal that lived millions of years ago, but is now extinct.</p>	<p>names of some important processes and changes in the natural environment around them.</p> <p>Creating with Materials a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</p>	<p>some important processes and changes in the natural world around them, including the seasons and changes of states of matter.</p> <p>Creating with Materials</p>	<p>-develop ideas of grouping, sequences, cause and effect. check how well their activities are going.</p> <p>-make comments about what they have heard and ask questions to clarify their understanding.</p> <p>-offer explanations for why things might happen, making use of recently introduced vocabulary.</p> <p>Record -safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</p> <p>-share their creations, explaining the process they have used.</p> <p>-run investigations, scientific inquiry and exploration with technology both digitally and in the natural world.</p> <p>-test their ideas.</p> <p>-flexibly change strategy as needed.</p> <p>Conclude -offer explanations for why things might happen, making use of recently introduced vocabulary.</p> <p>-use talk to help work out problems and organise thinking and</p>
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<p>reptile - a cold-blooded animal - such as a snake, lizard, turtle or alligator - that breathes air.</p> <p>diet - the food we eat.</p> <p>exercise - activity which keeps us healthy.</p> <p>tooth - a hard white object inside the mouth that is used for biting and chewing.</p> <p>healthy - feeling fit and full of energy.</p> <p>fuel - material such as coal, gas or oil, which is burned to make heat or power.</p> <p>push - to move something away from yourself.</p> <p>pull - to move something towards yourself.</p> <p>press - to push on a small object.</p> <p>suck - to pull liquid into your mouth.</p> <p>swing - a seat which you can move back and forth on.</p> <p>sink - to go down below the surface of water.</p> <p>float - something that remains on the surface of water.</p>			<p>activities, and to explain how things work and why they might happen.</p> <p>Evaluate -review how well the approach worked.</p>
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<p>force - the push or pull of an object to make it move.</p> <p>boat - a vehicle used to travel on water, which floats.</p> <p>safe - free from danger</p> <p>electricity - a form of energy used to power machines and lights</p> <p>danger - at risk or not safe</p> <p>energy - how things change, move or are powered</p> <p>rule - an action you must follow.</p> <p>house -a building in which a family lives</p> <p>flat - a home usually on one floor of a tower block.</p> <p>burn - to scald your skin on something hot.</p> <p>cut - when your skin is punctured or breaks and bleeds</p> <p>insect - a small animal that has six legs and one or two pairs of wings.</p> <p>invertebrate - an animal without a backbone.</p> <p>change - to become different.</p> <p>solid - not liquid; something that keeps its size and shape.</p>			
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<p>liquid - capable of flowing freely like water.</p> <p>metal - a substance (such as gold, tin, or copper) that usually has a shiny appearance.</p> <p>melt - to change from a solid to a liquid, usually through the action of heat.</p> <p>freeze - to turn from a liquid to a solid.</p> <p>gas - an invisible state of matter like the air we breathe.</p> <p>liquid - a state of matter which can flow and makes the shape of a container.</p> <p>solid - something with a fixed shape.</p> <p>non-absorbent - when a material does not soak up water.</p> <p>fleece - the woolly covering of a sheep or goat.</p> <p>shear - to cut the hair or wool from an animal.</p> <p>wool - the soft, thick hair of sheep and some other animals.</p> <p>absorbent - when a material soaks up the water around it.</p>			
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<p>plant - a living thing which grows in the earth and has roots, leaves and a stem.</p> <p>seed - a small, round object which plants make and can grow into a new plant.</p> <p>nutrients - a substance essential for life and growth in animals and plants; for plants, these are found in the soil.</p> <p>soil - the loose upper layer of the Earth's surface where plants grow.</p> <p>water - a liquid living things drink to stay alive.</p> <p>stem - the main trunk of a plant.</p> <p>leaves - part of a plant that is flat and attached to the stem.</p> <p>roots - the part of a plant that grows underground, gets water from the ground and holds the plant in place.</p> <p>sunlight - light from the Sun.</p> <p>compost heap - a pile of garden and some kitchen waste which slowly decomposes to produce fertiliser.</p> <p>weeds - unplanned wild plants that grow.</p>			
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<p>garden - an area of ground where plants are grown.</p> <p>planet - any of the large bodies that revolve around the Sun in the solar system.</p> <p>Solar System - the collection of eight planets and their moons in orbit around the Sun.</p> <p>Sun - a star; the centre of our Solar System.</p> <p>gas planet - a planet made mainly of gas which orbits the Sun.</p> <p>rocky planet - a planet made of mainly rock which orbits the Sun.</p> <p>launch - start or set in motion.</p> <p>firework - a device that burns or explodes to make noise, bright lights, or brilliant colours.</p> <p>rocket - a flying device, shaped like a tube driven by an engine.</p> <p>travel - to make a journey.</p> <p>rain - water that falls in drops from clouds in the sky.</p> <p>ice - frozen water.</p> <p>rainforest - a tropical forest where there is a lot of rainfall.</p>			
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<p>cloud - a mass in the sky made of many very small drops of water.</p> <p>river - a large natural flow of water over land.</p> <p>wind - moving air</p> <p>movement - to change position or go in a direction.</p> <p>air - the invisible substance that surrounds us.</p> <p>rise - to move upwards.</p> <p>sail - a piece of material that catches the wind to help a boat move.</p> <p>spring - the first season of the year when plants begin to grow.</p> <p>summer - the warmest season of the year.</p> <p>warm - a gentle heat.</p> <p>Sun - a star in the sky which keeps you warm.</p> <p>autumn - the season when leaves fall off trees.</p> <p>winter - the coldest season of the year.</p> <p>snow - cold white ice that falls to the ground like rain.</p>			
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<p>bark - the covering on the trunk of a tree.</p> <p>season - four parts of the year.</p> <p>senses - help us to understand the world around us.</p> <p>sight - the sense through which you notice light, colour, and objects around you.</p> <p>taste - to sense the flavour of something that you are eating or drinking.</p> <p>touch - to feel something with part of your body.</p> <p>hearing - The sense through which a person or animal is aware of sound.</p> <p>smell - The sense used to take in scents through the nose.</p> <p>organs - Parts inside the body such as the heart, lungs and brain, which are protected by our skeleton.</p> <p>torso - The trunk of the human body, containing the chest and tummy.</p>			
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