

	<u>Autumn 1</u>	<u>Autumn2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
<u>Nursery</u> <u>(UTW-TW)</u>	<u>All about us- Hygiene</u> - Embedding the skill of how to go to the toilet - Understand how to wash their hands	<u>Light and Dark</u> -Experiencing what light and dark is -Understanding what makes daytime and night time	<u>Under the Sea</u> -Exploring the animals that live under the sea -Naming animals that live under the sea	<u>Animals</u> -Identifying a range of animals -Understanding they have different habitats	<u>Life cycle of a chick</u> -Class pet -Describing what is happening day by day -Making predictions	<u>Scientific enquiry</u> -Looking at and observing growth and decay -Making simple predictions
Reception (UTW-W)	<u>All about me-body parts</u> -Identifying key body parts and bones -Exploring what body parts we use for certain activities and why	<u>Looking after ourselves</u> -Looking at the effects of exercise and healthy eating on the body -Understanding the implications	<u>Season and changes</u> -Describing the season and weather associated with it -Observing how animals behave differently in different seasons	<u>Growing and changing</u> -Sequencing life cycles of humans and animals -Explaining the processes in detail	<u>Habitats</u> - Understanding that animals have different habitats and why -identifying animals and matching them to their habitats	<u>Scientific Enquiry</u> -Conducting scientific experiments and making predictions on topics such as melting, floating and sinking and magnetism
Year 1	<u>Plants and Trees</u> -Identifying the parts of a plant -Explain differences between deciduous and evergreen	<u>Light and Dark</u> -Identify natural and man-made light -Investigate opaque objects	<u>Push and Pull</u> -Classifying pushes and pulls -Identify gravity as a pulling force.	<u>Seasonal Change</u> -Describing and comparing the seasons of the UK to other countries	<u>Classifying Types of Animals</u> -Identify human body parts and bones -Classify animal by their diets	<u>Materials</u> -Explain the properties of different materials -Classify material as waterproof and non-waterproof
Year 2	<u>Materials</u> -Classify materials into manmade and natural - Investigate the strength of materials	<u>Electricity</u> -Classifying main and battery appliances -Creating simple circuits	<u>Materials – Water, Steam and Ice</u> -Investigating the melting process -Explaining the water cycle	<u>Animals Including Humans</u> -Investigate the effect exercise -Life cycle of humans and a butterfly	<u>Plants</u> -Understanding what a seed need to grow -Investigating the condition for plant growth	<u>Living Things: Habitats and Food Chains</u> -Identifying the features of different habitats -Creating simple food chains
Year 3	<u>Rocks and Fossils</u> -Identifying different rock types -Investigating the strength and permeability of different rock	<u>Comparing Different Animals</u> -Explaining the function of different bones -Classify vertebrate and invertebrates	<u>Light</u> -Explaining the importance/ dangers of sunlight -Investigate how shadows change length during the day	<u>Forces and Magnets.</u> -Explaining the force of friction -Investigating magnetic metal and the strength of magnets	<u>Plants: Comparing sand photosynthesis</u> -Explaining the function of different parts of a plant -Explain the process of photosynthesis	<u>Teeth and Eating</u> - Name the teeth in a human - Explaining how plaque and bacteria effect teeth - Creating examples of balance diets
Year 4	<u>States of Matter</u> -Comparing the characteristics of solids, liquids and gases -Investigating the process of evaporation and melting	<u>Electricity</u> -Explaining how electricity can convert to other form of energy -Investigating electrical power	<u>Friction</u> -Investigating the effect of high and low friction -Explaining the effect of water resistance	<u>Sound</u> -Explaining how sound is made -Identifying the difference in vibrations for pitch and volume	<u>Plants, Animals and Habitats</u> -Comparing how different animal have adapted their habitat -Discussing the positive/negative impact human have on animals	<u>Animals, Humans and Food Chains</u> -Identifying bones in the human body -Explaining the process of digestion -Constructing food chains

Year 5	Properties and changes of materials -Explaining the process of dissolving -Investigate separation techniques	Gases -Identify the function of different gases -Comparing the amount of air in different soils	Animals and Humans: Birth, Growth and Old Age. -Comparing the gestation period of different mammals -Explaining the different stage of a human lifecycle	Forces -Investigating the relationship between gravity and weight -Investigating how surface area affects air resistance	Life of Animals and Plants (David Attenborough) -Investigating the types of reproduction in plants -Comparing the lifecycle of different animals	Earth and Space -Describing the Moon's orbit around Earth -Explaining key information about the Earth, Moon and Sun
Year 6	Light -Identifying and explaining parts of the human eye -Explaining how light travels and how we see.	Electricity -Classifying conductors and insulators -Create variety of circuits for different purposes	Evolution and Inheritance -Researching key scientists Mary Anning, Charles Darwin -Explaining the key points of evolution	Dissolving -Explaining dissolving -Investigating and applying separation techniques -Creating points of enquiry to investigate	Living Things and Their Habitats -Identifying a range of living organisms using classification keys -Understanding what microorganisms are	Animals Including Humans -Describing the function of blood and blood vessels -Explaining the main parts of the circulatory system