

SCIENCE UNIT OVERVIEWS 2020-2021

Year group and unit	Working Scientifically	Science Content & Knowledge	Previous learning to recap	Key vocabulary
Throughout Autumn Term continuous provision	Can they enjoy playing with small-world models? Can they use these models using appropriate language and phrases? Can talk about some of the things they have observed such as found objects?	Can they name some parts of the body e.g. head, legs, arms? Can they begin to talk about how they have changed over time e.g. grown taller, can speak more, hair grown longer? Can they begin to talk about why things happen and how things work e.g. push and pull?	New learning	Head Legs Arm Body Change Grow Push Pull
Reception Spring 2 <i>What do animals need to grow, be healthy and keep safe?</i>	Can they comment on what they see/hear/feel? Can they ask questions about aspects of their familiar world e.g. a pet? Can they talk about some of the things they have observed such as animals? Can they show care and concern for living things and the environment? Can they make observations of animals and plants and explain why some things occur, and talk about changes?	Can they name some common animals they are familiar with e.g. dog, cat, bird, squirrel, hedgehog? Can they identify changes that happen as an animals grows? Can they compare animals and begin to talk about their features e.g. long tail, claws? Can children see similarities and differences in relation to places, objects, materials and living things?	EY Autumn: Chn can talk about how humans change over time. Can begin to observe and describe what they see.	Hear Feel See Senses Pet Animal Environment Healthy Safe Squirrel Hedgehog Compare Similar Different
Reception Summer 2 <i>What is special about our world and how can we look after it?</i>	Can they notice detailed features of objects in their environment? Can they ask questions about the natural world? Can they talk about some of the things they have observed such as plants, animals, natural and found objects? Can they develop their understanding of growth, decay and how things change over time?	Can they talk about the features of their own immediate environment and how environments might vary from one another?	EY Spring: Can talk about what animals need to stay healthy and grow.	Plants World Beach Plastic Care Look after Sea Special