

Copnor Primary School

Being a Scientist in EYFS



0-3	3-4	WTS ELG	ELG	Links to Characteristics of Effective Teaching and Learning:
<ul style="list-style-type: none"> I can explore materials with different properties (UTW) I can explore natural materials, indoors and outside (UTW) I can respond to different natural phenomena in my setting and on trips (UTW) I can explore different materials, using all my senses to investigate them (EAD) I can manipulate and play with different materials (EAD) 	<ul style="list-style-type: none"> I can make healthy choices about food, drink, activity and tooth brushing (PSED) I can talk about what I see, using a wide vocabulary (UTW) I can use my senses in hands-on exploration of natural materials (UTW) I can explore collections of natural materials with similar and/or different properties (UTW) I can explore how things work (UTW) I can plant seeds and care for growing plants (UTW) Understand the key features of the life cycle of a plant and an animal (UTW) I can begin to understand the need to respect and care for the natural environment and all living things (UTW) I can explore and talk about different forces I can feel (UTW) I can talk about differences between materials and changes I notice (UTW) 	<ul style="list-style-type: none"> I know and talk about the different factors that support my overall health and wellbeing: regular physical activity, healthy eating, tooth brushing, sensible amounts of 'screen time', having a good sleep routine, being a safe pedestrian (PSED) I can explore the natural world around me (UTW) I can describe what I see, hear and feel whilst outside (UTW) I can recognise some environments that are different from the one in which I live (UTW) I can understand the effect of changing seasons on the natural world around me (UTW) I can use talk to work out problems and organise my thinking and to explain how things work and why they might happen (C&L) I can use new vocabulary in different contexts (C&L) 	<ul style="list-style-type: none"> I can manage my own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices (PSED- managing self) I can explore the natural world around them, making observations and drawing pictures of animals and plants (UTW- the natural world) (Au2&Spr1) I know some similarities and differences between the natural world around me and contrasting environments, drawing on their experiences and what has been read in class (UTW- the natural world) I can understand some important processes and changes in the natural world around me, including the seasons and changing states of matter (UTW- the natural world) Make comments about what they have heard and ask questions to clarify their understanding (C&L- listening, attention and understanding) Offer explanations for why things might, happen, making use of recently introduced vocabulary from stories, non-fiction, rhymes and poems (C&L-speaking) 	<ul style="list-style-type: none"> Using senses to explore the world around them Taking risks and learning by trial and error Showing a curiosity about objects, events and people Maintaining focus on their activity for a period of time Thinking of ideas Testing their ideas Developing ideas of grouping, sequences cause and effect Making links and noticing patterns in their experience Making predictions Finding ways to solve problems <p>Key vocabulary: light, dark, night, daytime, hibernation, environment, senses, woodland, habitat, hot, cold, planet, space, sun, moon, stars, body parts, fruit and vegetables, teeth, healthy, unhealthy, exercise, growth, change, seeds, plants, lifecycle, hatching, natural, manmade, wood, plastic, metal, fabric, glass, hard, soft, rough, smooth, shiny, dull, waterproof</p>

C&L = Communication and Language
PSED= Personal, Social and Emotional Development
PD= Physical Development
Lit= Literacy
Maths = Maths
EAD = Expressive Arts and Design
UTW = Understanding the World

