

Science – Overview HCAT

EYFS					
Yr 1	Animals – features	Every day materials – properties	Identify plants and parts of plants	Seasonal changes	
Year 2	Use of everyday materials	Animals – Living things and their habitats – food chains, dead and alive, habitats	Animals including humans- The needs and lifecycles of animals including humans	Plants – How they grow and what they need to grow	
Year 3	Skeletons and diet	Forces and magnets	Properties of light	Flowering plants and life cycles	Rocks
Year 4	Digestive system ,teeth and food chains	Electrical circuits, conductors and insulators	Grouping of animals, environmental threats	Sounds	States of matter – water cycle
Year 5	Materials- solutions, separation, reversible and irreversible changes	Planets, solar system, day and night	Forces, gravity and air resistance	Life cycles- plants and animals	Human life cycles
Year 6	Light- how it travels. Eyes.	Electrical circuits- voltage, switches, symbols	Human circulatory system, impact of lifestyle body functions	Evolution and inheritance.	Classification micro organisms, animals and plants