

6. WS Progression in Light, E&S						
Biology			Chemistry	Physics		
Y1	B1 Animals including humans Name common animals Carnivores etc. Adaptation <i>SK builds on learning from EYFS K&UW</i>	B2 Animals including humans Human body & senses <i>SK builds on learning from EYFS PD (H&SC)</i>	B3 Plants Common plants Basic plant structure <i>SK builds on learning from EYFS K&UW</i>	C1 Everyday materials Physical properties of materials Grouping materials Changing shapes of solid objects <i>SK builds on learning from EYFS K&UW (Floating & Sinking)</i>	P1 Seasonal Changes The four seasons Seasonal weather P2 Length of day <i>SK builds on learning from EYFS K&UW – seasons</i> <i>EYFS mathematics</i>	Seasonal Changes The four seasons Seasonal weather <i>SK builds on learning from EYFS K&UW – seasons</i>
Y2	B4 All living things & their habitats Alive & dead, life processes, adaptation Micro habitats & food chains	B5 Animals including humans Animal reproduction & growth Basic needs & Healthy living	B6 Plants Plant & seed growth Plant reproduction Keeping plants healthy <i>SK builds on learning from B3</i>		P3 Everyday materials Identify different materials Name everyday materials Properties of materials <i>SK builds on learning from C1</i>	P4 Everyday materials Compare the use of diff. materials Compare movement on diff. surfaces <i>SK builds on learning from C1 & P3</i>
Y3	B7 Animals including humans Human skeleton & muscles Nutrition Exercise & health <i>SK builds on learning from B2 & B5</i>	B8 Plants <i>Basic structure & functions</i> <i>Plant life & growth</i> <i>SK builds on learning from B3 & B6</i>	B9 Plants Life cycle of plants Water transportation <i>SK builds on learning from B3, B6 & B8</i>	C2 Rocks Compare and group rocks Describe fossil formation Recognise soil composition <i>SK builds on learning from C1, P3, P4 & geography work</i>	P5 Forces Different forces Magnets <i>SK builds on learning from P4</i>	P6 Light Light reflection off surfaces Shadows
Y4	B10 Animals including humans Teeth The digestive system Food chains <i>SK builds on learning from B7 & B4</i>	B11 All living things & their habitats Grouping living things Classification keys Adaptation of living things <i>SK builds on learning from B1 & B4</i>		C3 States of Matter Compare & group materials Solids, liquids & gases Changing state The water cycle <i>SK builds on learning from P3, P4 & C2</i>	P7 Electricity Uses of electricity Simple circuits & switches Conductors & insulators	P8 Sound How sounds are made Sound vibrations Pitch volume
Y5	B12 All living things & their habitats Life cycles plants & animals Reproductive processes Famous naturalists <i>SK builds on learning from B5, B6, B8 & B9</i>	B13 Animals including humans The changes as humans develop from birth to old age <i>SK builds on learning from B5, B7 & B12</i>	B14 Animals including humans Working scientifically The importance of exercise <i>SK builds on learning from B5 & B7</i>	C4 Properties and changes of materials Compare properties of everyday materials Soluble/dissolving Reversible/irreversible changes Fair testing <i>SK builds on learning from P3, P4 & C3</i>	P9 Properties and changes of materials – Forces Gravity Friction & resistance Forces & motion of mechanical devices <i>SK builds on learning from P4, P5, P7</i>	P10 Earth and space Movement of the Earth & planets Movement of the moon S, E & M as spherical bodies Night & day <i>SK builds on learning from P2, P5 & Y2 Neil Armstrong topic</i>
Y6	B15 Animals including humans The circulatory system Effects of a healthy lifestyle Water transportation Famous scientists and their contributions to the world <i>SK builds on learning from B5, B7, B10</i>	B16 All living things & their habitats Classification of living things Reasons for classification <i>SK builds on learning from B11</i>	B17 Evolution and inheritance Identical/non-identical offspring Fossil evidence & evolution Adaptation & evolution <i>SK builds on learning from C2</i>		P11 Light How light travels Reflection Splitting light Ray models of light <i>SK builds on learning from P6</i>	P12 Electricity Electrical components Simple circuits Fuses Voltage <i>SK builds on learning from P7</i>

