KS1 Working scientifically (engage curiosity – follow up on their questions)		Lower KS2 – working scientifically – creating fair tests, analysing results, evaluating their experiments		Upper KS2 – working scientifically - creating fair tests, analysing results, evaluating their experiments	
Year 1	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**
	Living things and their habitats (suitable habitats/ simple food chains) Use of pond and woodland area to compare	**Plants** (function of parts & life cycle)	**Living things and their habitats** (grouping and simple classifying/ changes to habitats can pose dangers) use of pond and woodland area	**Living things and their habitats** (life cycles)	**Living things and their habitats** (classifying including microorganisms) Use of the pond and woodland area
Plants (names and structure of plants) Use of the woodland area to name and classify	**Plants** (conditions for growing) Use of woodland to contrast locations for growth	**Animals, including humans** (skeletons)			
Animals, including humans (naming animals & body parts) use of the chickens!	**Animals, including humans** (health and growth)		**Animals, including humans** (Teeth, eating and digestion)	**Animals, including humans** (changes in humans as they grow, start to discuss inheritance)	**Animals, including humans** (health and circulation)
		Rocks (including fossil formation) use of the woodland area			**Evolution and inheritance**
Everyday materials	**Uses of every day materials**				
			States of matter	**Properties and changes of materials**	
Light (not compulsory) exploring dark, shadow play, observe and name light sources		**Light**			**Light**
Sound (not			**Sound –** link to Music – make your		

compulsory) explore ways of making sound, explore volume and pitch. name sources of sound, hear with ears make sure you are having a strong link to music Ensure interactive displays			own musical instruments		
	Forces and movement (not compulsory) explore pushes and pulls, compare movements, materials that are attracted to magnets or not, toys that use magnets Ensure interactive displays	**Forces and magnets** (friction/magnets)		**Forces** (gravity, friction, air resistance, water resistance, levers pulleys and gears)	
Seasonal Changes					
	Electricity (not compulsory) explore battery powered toys, few enquiries based around batteries Look at safety with electricity		**Electricity**		**Electricity**
				Earth and Space	