Science (stra	nd: Evolution and	d inheritanc	e) Essential Skill	ls and Knowledg	ge and EYI	FS to Y6

Aspect	EYFS	KS1		Lower KS2		Upper KS2	
	Reception	Y1	Y2	Y3	Y4	Y5	Y6
Identifying and naming				Identify a range of fossilised animals and plants from pictures.			Identify features which are inherited from parents, such as eye colour and those that are not, such as tattoos and dyed hair colour. Know how the E and living things have
Inheritance							changed over time. Match offspring to their parents linked to observable features and characteristics. Know about reproduction and offspring (recognising that offspring normally vary and are not identical to their parents).
Evolution							Describe how variation in living things leads to the evolution of a species, using specific examples. Research the work of Darwin or Wallace to explain how the theory of evolution developed. Know about evolution and can explain what it is.
Adaptation							Identify how specific plants or animals have adapted to their environment. Link adaptation over time to evolution.
Fossils				Define what a fossil is and how they are formed.			Explain how fossils are formed and how fossil discoveries have helped develop the theory of evolution.
The future				Suggest what the fossils of the future may be.			Suggest ways in which future changes in the world's climate may

			impact on ourselves and other living species, and suggest ideas for how we may adapt to these
			changes.