



Year 6: Evolution & Inheritance Knowledge Mat

Subject Specific Vocabulary		Interesting Book	Sticky Knowledge about evolution & inheritance
off-spring	When living things reproduce they pass on characteristics to their offspring . All living things produce offspring of the same kind, but normally offspring are not identical to their parents	<p>"A beautiful, funny and sometimes sob-making story of total transformation." —The Wall Street Journal</p>	<input type="checkbox"/> Evolution is a scientific theory used by biologists. It explains how living things change over a long time, and how they have come to be the way they are
adaptation	Adaptation is the process by which animals, plants and other living things have changed so that they better suit their habitat.		<input type="checkbox"/> We know that living things have changed over time, because we can see their remains in the rocks.
evolution	Evolution is the theory that all the kinds of living things that exist today developed from earlier types.		<input type="checkbox"/> We know that the animals and plants of today are different from those of long ago.
inheritance	When living things reproduce they pass on characteristics to their offspring. This is known as inheritance .		<input type="checkbox"/> Evolutionary questions are still being actively researched by biologists.
palaeontologist	A palaeontologist is someone studying the life of past geological periods as known from fossil remains		
Charles Darwin	Charles Darwin was an English scientist who studied nature. He is known for his theory of evolution		
genes	Genes that are passed on to you determine many of your traits, such as your hair colour and skin colour.		
chromosomes	Chromosomes are tiny structures inside cells made from DNA and protein.		
syndrome	A syndrome is a genetic condition which can affect learning and physical features.		
genotype	A genotype refers to a particular gene or set of genes carried by an individual.		