

Name:			
Class:		Year Group:	
Science Targets – Stage 5			
Living things and their habitats			
I can describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird			
I can describe the life process of reproduction in some plants and animals			
Animals, including humans			
I can describe the changes as humans develop to old age			
Properties and changes of materials			
I can compare and group together everyday materials based on their properties: hardness, solubility, transparency, conductivity, magnetic			
I can know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution			
I can use knowledge of solids, liquids and gases to decide how mixtures might be separated: eg - filtering, sieving and evaporating			
I can give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials			
I can demonstrate that dissolving, mixing and changes of state are reversible changes			
I can explain that some changes result in the formation of new materials			
I can explain that when changes result in the formation of new materials it is not usually reversible			
Earth and space			
I can describe the movement of the Earth, and other planets, relative to the Sun in the solar system			
I can describe the movement of the Moon relative to the Earth			
I can describe the Sun, Earth and Moon as approximately spherical bodies			
I can use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky			
Forces			
I can explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object			
I can identify the effects of air resistance, water resistance and friction, that act between moving surfaces			
I can recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect			