

National Curriculum Objectives (Stage 6)	Autumn	Spring	Summer
LIVING THINGS AND THEIR HABITATS			
I can describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals			
I can give reasons for classifying plants and animals based on specific characteristics			
ANIMALS INCLUDING HUMANS			
I can identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood			
I can recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function			
I can describe the ways in which nutrients and water are transported within animals, including humans			
EVOLUTION AND INHERITENCE			
I can recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago			
I can recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents			
I can identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution			
LIGHT			
I can recognise that light appears to travel in straight lines			
I can use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye			
I can explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes			
I can use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them			
I can associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit			
ELECTRICITY			
I can compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches			
I can use recognised symbols when representing a simple circuit in a diagram			

