

NAME:				Date objective when child has shown evidence of using the skill.	Highlight green when child has SECURED the skill.
CLASS:		Start Stage:			
YEAR GROUP:		End Stage:			
Living things and their habitats					
<ul style="list-style-type: none"> 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. 					
<ul style="list-style-type: none"> Give reasons for classifying plants and animals based on specific characteristics. 					
Animals, including humans					
<ul style="list-style-type: none"> Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. 					
<ul style="list-style-type: none"> Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. 					
<ul style="list-style-type: none"> Describe the ways in which nutrients and water are transported within animals, including humans. 					
Evolution and inheritance					
<ul style="list-style-type: none"> Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. 					
<ul style="list-style-type: none"> Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. 					
<ul style="list-style-type: none"> Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. 					
Light					
<ul style="list-style-type: none"> Recognise that light appears to travel in straight lines. 					
<ul style="list-style-type: none"> 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. 					
<ul style="list-style-type: none"> 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. 					
<ul style="list-style-type: none"> Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them. 					
Electricity					
<ul style="list-style-type: none"> Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. 					
<ul style="list-style-type: none"> 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. 					
<ul style="list-style-type: none"> Use recognised symbols when representing a simple circuit in a diagram. 					
Working Scientifically					
<ul style="list-style-type: none"> Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary. 					
<ul style="list-style-type: none"> Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate. 					
<ul style="list-style-type: none"> Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs. 					
<ul style="list-style-type: none"> Using test results to make predictions to set up further comparative and fair tests. 					
<ul style="list-style-type: none"> Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations 					
<ul style="list-style-type: none"> Identifying scientific evidence that has been used to support or refute ideas or arguments. 					

6B Working BELOW 0 – 2 6B+ BELOW WORKING TOWARDS 3 – 5	6W WORKING TOWARDS National Standard 6 – 12	6W+ WORKING AT THE NATIONAL STANDARD Must include all purple KO's 13 – 16	6S SECURELY WORKING AT NATIONAL STANDARD Must include all purple KO's 17 – 19	6S+ SHOWING GREATER DEPTH 20 - 21
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