



Expectations for Science in Year 6



Component	Statement
Working Scientifically	I can plan enquiries, including recognising and controlling variables where necessary.
Working Scientifically	I can take measurements, using a range of scientific equipment, with increasing accuracy and precision.
Working Scientifically	I can record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, bar and line graphs, and models.
Working Scientifically	I can report on my findings from enquiries using oral and written explanations of results. These explanations involve causal relationships and conclusions.
Working Scientifically	I can present findings in written form, displays and other presentations.
Working Scientifically	I can use test results to make predictions to set up further comparative and fair tests.
Working Scientifically	I can use simple models to describe scientific ideas.
Working Scientifically	I can identify scientific evidence that has been used to support or refute ideas or arguments.
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.
Animals, Including Humans	I can recognise the impact of diet, exercise, drugs and lifestyle on the way bodies function.
Animals, Including Humans	I can describe the ways in which nutrients and water are transported within animals, including humans.
Evolution and Inheritance	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.
Evolution and Inheritance	I can recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.
Evolution and Inheritance	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.
Light	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.
Light	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.
Light	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.
Electricity	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.
Electricity	I can use recognised symbols when representing a simple circuit in a diagram.