Y6 Science Assessment

Working Scientifically
I can use a range of scientific language to explain, evaluate and communicate my methods and findings
I can ask questions about the scientific topics I study, and select and plan the most appropriate way to answer these questions
I can report and present my findings in oral and written forms such as displays and other presentations (e.g. explaining and concluding my findings, and explaining the degree of trust in my results)
I can recognise scientific evidence that can be used to support or refute ideas and arguments
Living things and their habitats
I can use my research of animals unknown to me in order to classify them
I can describe the main features of particular groups such as vertebrates and invertebrates
I can explain why living things can be in one group and not another
I can explain why living things can be classified into different groups
Animals, including humans
I can describe how to keep my body healthy
I can recognise the impact of drugs, alcohol and smoking on the human body
I can describe how to keep my body healthy
I can recognise the impact of drugs, alcohol and smoking on the human body
I can recognise the impact of an unhealthy diet
I can describe how blood is pumped around the body
I can describe how water and nutrients are transported around the body
I can describe the functions of the heart, blood vessels and blood
I can identify and name the main parts of the human circulatory system
Evolution and inheritance
I can describe how adaptation can lead to evolution
I can research and identify how animals and plants are adapted to suit their environment in different ways
I can describe how variations occur between individuals of the same species
I can use evidence from my observations to describe how offspring vary and are not identical to their parents
I can describe how fossils provide information about living things that inhabited the Earth millions of years ago
I can recognise that living things have changed over time
Light
I can use my knowledge of the way light travels to describe how shadows are formed
I can discuss how objects are seen using scientific vocabulary e.g. light source and reflection
I can demonstrate that light travels in straight lines to explain how objects are seen
I can use examples to show that light appears to travel in straight lines
Electricity
I can investigate and describe the variations in how components function e.g. the brightness and on/off position of switches
I can investigate the impact the number and voltage of cells has on the volume of a buzzer
I can investigate the impact the number and voltage of cells has on the brightness of a lamp
I can construct simple series circuit diagram using recognised symbols