

identify common appliances that run on electricity

construct a simple series electric circuit

identify and name the basic part in a series circuit, including cells, wires, bulbs, switches and buzzers

recognise symbols to represent simple series circuit diagrams

identify whether or not a lamp will light in a simple series circuit

Identify common conductors and insulators

compare and group together different rocks on the basis of their appearance and simple physical properties describe and explain how different rocks can be useful to us describe in simple terms how fossils are formed when things that have lived are trapped within rock describe and explain the differences between sedimentary and igneous rocks,

describe and explain the differences be considering the way they are formed?

explain everyday phenomena including the water cycle

explain changes to the state of water

together, according to whether they are solids, liquids or gases

explain what happens to materials when they are heated or cooled

measure or research the temperature at which different materials change state in

describe how materials change state at different temperatures use measurements to

compare and group materials

degrees Celsius



identify, construct and interpret a variety of food chains, identifying producers, predators and prey

explain the importance of a nutritionally balanced diet describe how nutrients, water and oxygen are transported within animals and humans identify that animals, including humans, cannot make their own food: they get nutrition from what they eat describe and explain the skeletal system of a human describe and explain the muscular system of a human identify, name and describe the functions of the basic parts of the digestive system in humans?

> identify the simple function of different types of teeth in humans compare the teeth of herbivores and carnivores

Does the past still matter?

ences between sedimentary and igneous rocks, formed?