

GL EXIT

ASSESSMENT

Science Learning Journey

Environmentalist

Archaeologist

Research Scientist

Astronomer

Marine Biologist

Teacher

Pilot

Medical Sciences

Vet



PRESSURE & MOMENTS

How is pressure in liquids and gases different to solids?

PHOTOSYNTHESIS

How is respiration similar and yet different to photosynthesis?

CHEMICAL REACTIONS



How can I show what is happening in a chemical reaction?

ECOSYSTEMS



How do organisms affect, or are affected by, their environment?

How do organisms survive in different habitats?

Why am I different but similar to my parents?

What do fossils tell us?

How do we organise organisms into similar groups?

EVOLUTION



How are shadows formed?

Why do boats and planes need to be streamlined?

Why do objects always fall to the Earth?

FORCES

Why does the moon change shape?



How do objects move in the solar system?

EARTH & SPACE

How do we compare and organise materials?

GL BASELINE ASSESSMENT

welcome



ELECTRICITY

How we explain resistance to the flow of electricity?

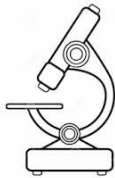
MOVING, BREATHING & RESPIRATION



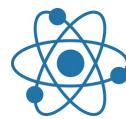
REACTIVITY SERIES

What factors affect our breathing?
How do we get energy from food?

REPRODUCTION & GENETICS

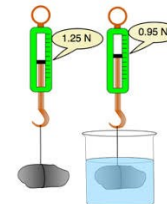


CELLS



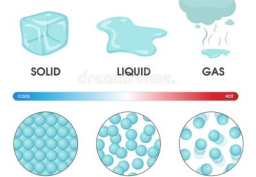
ATOMS, ELEMENTS, COMPOUNDS AND MIXTURES

How does resistance affect the movement of an object?



FORCES AND MOTION

STATE OF MATTER



PARTICLES

How are mixtures different and what is purity?

ENERGY

How do compounds react?

How does diet affect my body?

DIGESTION

How does the balance of nutrients affect my health?

LIVING THINGS

How does my body get what it needs?

What characteristics should I use to classify and sort animals and plants?

How can we fine tune our groupings until we have a single "species"?

How do we see things?



How does light travel?

LIGHT

How do scientists draw circuits?

How does the number of batteries in a circuit affect the components in it?

GL KEY STAGE ASSESSMENT

ELECTRICITY



YEAR 6

Do all components in a circuit work the same way?

What are the life cycles of an amphibian, insect, bird and mammal?

LIVING THINGS

What is a force multiplier?



Are all objects sources of light?

How do as humans develop in to old age?

How do plants reproduce and spread?

What are different objects in space like?

Why do we use different materials?

MATERIAL CHANGES

YEAR 5



YEAR 8



'If I have seen further, it is because I have stood on the shoulders of giants.' ISACC NEWTON