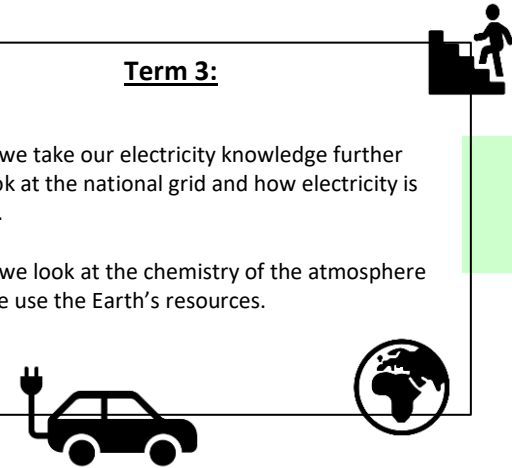


Science Learning Journey

Term 3:

Gourdine
In this unit we take our electricity knowledge further again to look at the national grid and how electricity is distributed.

Mendes
In this unit we look at the chemistry of the atmosphere and how we use the Earth's resources.



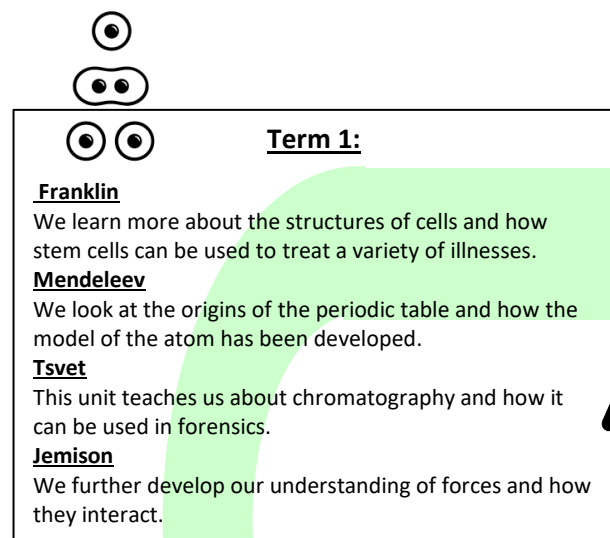
Term 1:

Franklin
We learn more about the structures of cells and how stem cells can be used to treat a variety of illnesses.

Mendeleev
We look at the origins of the periodic table and how the model of the atom has been developed.

Tsvet
This unit teaches us about chromatography and how it can be used in forensics.

Jemison
We further develop our understanding of forces and how they interact.

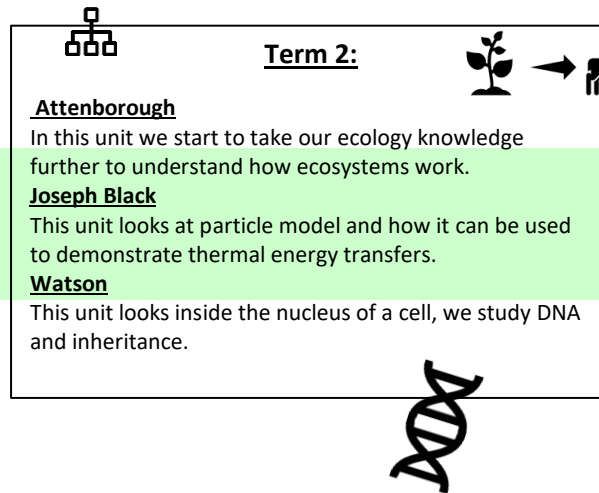


Term 2:

Attenborough
In this unit we start to take our ecology knowledge further to understand how ecosystems work.

Joseph Black
This unit looks at particle model and how it can be used to demonstrate thermal energy transfers.

Watson
This unit looks inside the nucleus of a cell, we study DNA and inheritance.

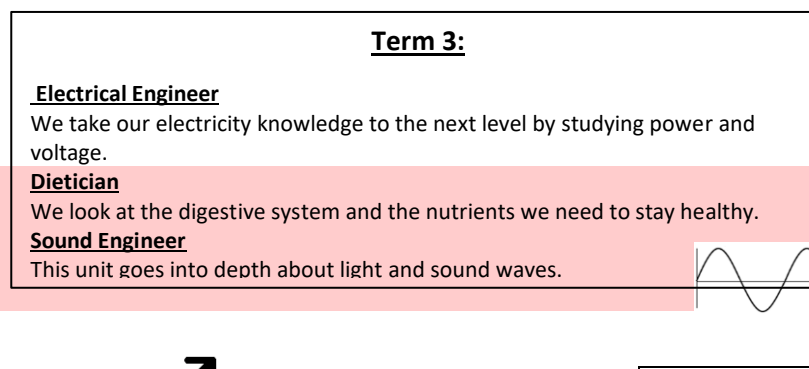


Term 3:

Electrical Engineer
We take our electricity knowledge to the next level by studying power and voltage.

Dietician
We look at the digestive system and the nutrients we need to stay healthy.

Sound Engineer
This unit goes into depth about light and sound waves.



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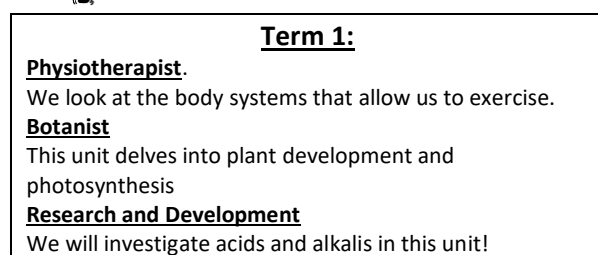
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Term 1:

Physiotherapist.
We look at the body systems that allow us to exercise.

Botanist
This unit delves into plant development and photosynthesis

Research and Development
We will investigate acids and alkalis in this unit!

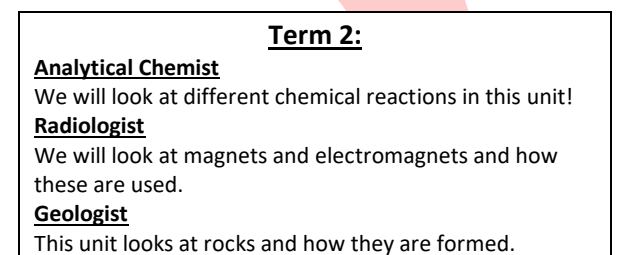


Term 2:

Analytical Chemist
We will look at different chemical reactions in this unit!

Radiologist
We will look at magnets and electromagnets and how these are used.

Geologist
This unit looks at rocks and how they are formed.



1 Mole
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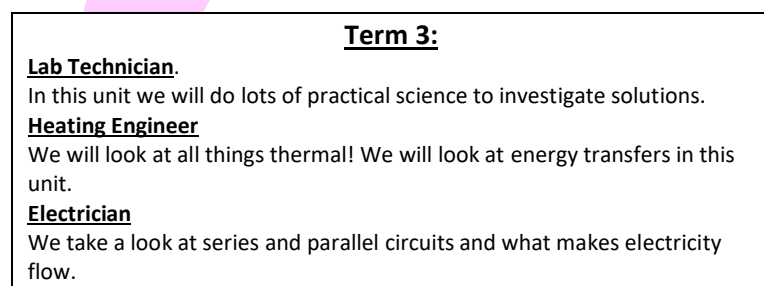


Term 3:

Lab Technician.
In this unit we will do lots of practical science to investigate solutions.

Heating Engineer
We will look at all things thermal! We will look at energy transfers in this unit.

Electrician
We take a look at series and parallel circuits and what makes electricity flow.

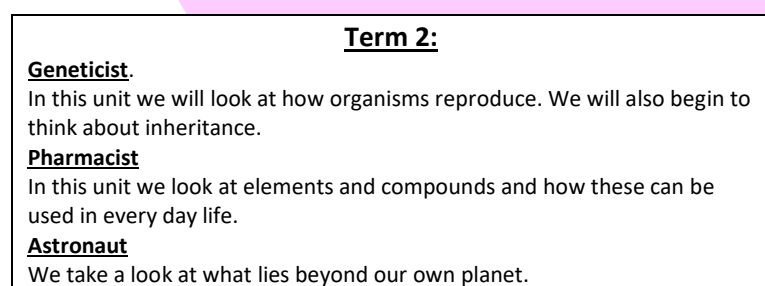


Term 2:

Geneticist.
In this unit we will look at how organisms reproduce. We will also begin to think about inheritance.

Pharmacist
In this unit we look at elements and compounds and how these can be used in every day life.

Astronaut
We take a look at what lies beyond our own planet.

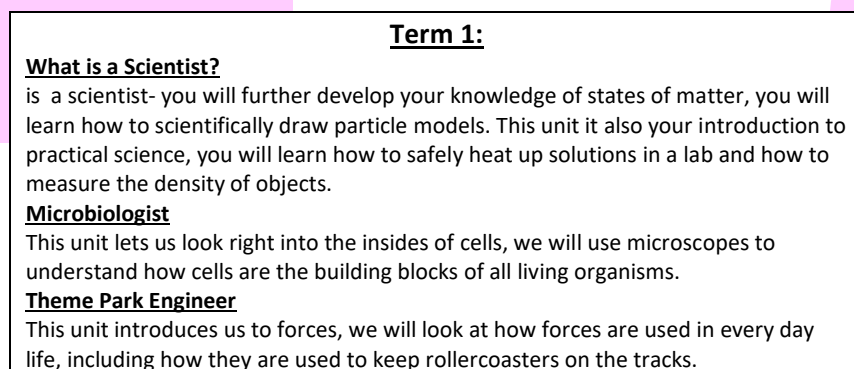


Term 1:

What is a Scientist?
is a scientist- you will further develop your knowledge of states of matter, you will learn how to scientifically draw particle models. This unit it also your introduction to practical science, you will learn how to safely heat up solutions in a lab and how to measure the density of objects.

Microbiologist
This unit lets us look right into the insides of cells, we will use microscopes to understand how cells are the building blocks of all living organisms.

Theme Park Engineer
This unit introduces us to forces, we will look at how forces are used in every day life, including how they are used to keep rollercoasters on the tracks.



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