

Chauncy Science Learning Journey

A-Levels -
Chemistry
Biology
Physics
Applied science BTEC



YEAR 11

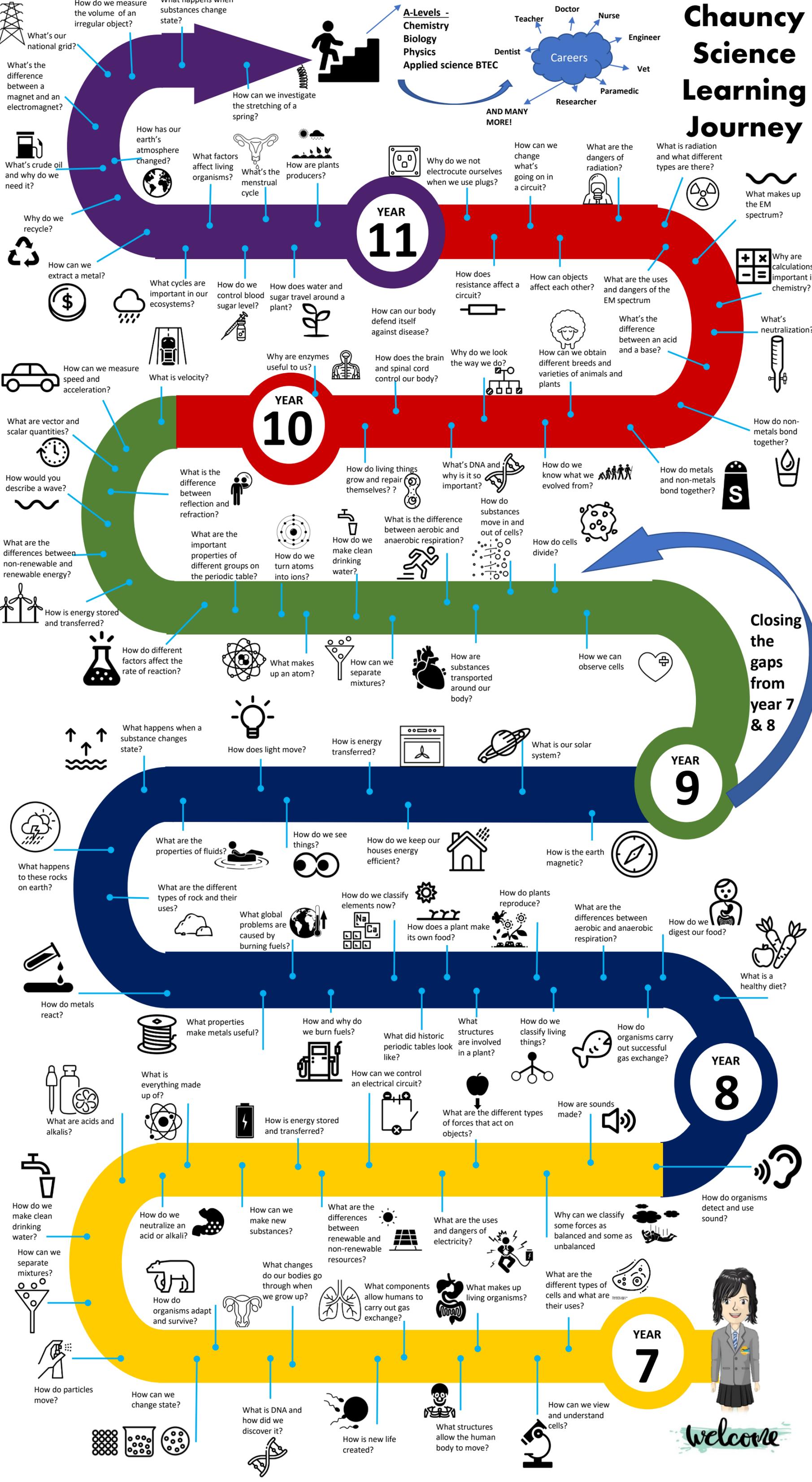
YEAR 10

YEAR 9

YEAR 8

YEAR 7

Closing the gaps from year 7 & 8



What's our national grid?
How do we measure the volume of an irregular object?
What happens when substances change state?
What's the difference between a magnet and an electromagnet?

What's crude oil and why do we need it?
Why do we recycle?
How can we extract a metal?
What cycles are important in our ecosystems?
How do we control blood sugar level?
How does water and sugar travel around a plant?

How can we measure speed and acceleration?
What are vector and scalar quantities?
How would you describe a wave?
What are the differences between non-renewable and renewable energy?
How is energy stored and transferred?

How do different factors affect the rate of reaction?
What happens when a substance changes state?
How does light move?
How is energy transferred?
What is our solar system?

What happens to these rocks on earth?
What are the properties of fluids?
How do we see things?
How do we keep our houses energy efficient?
How is the earth magnetic?

How do metals react?
What properties make metals useful?
How and why do we burn fuels?
What did historic periodic tables look like?
How can we control an electrical circuit?
What are the different types of forces that act on objects?

How do we make clean drinking water?
How can we separate mixtures?
How do particles move?
How can we change state?
What is DNA and how did we discover it?
How is new life created?

What are acids and alkalis?
How do we neutralize an acid or alkali?
How can we make new substances?
What are the differences between renewable and non-renewable resources?
What are the uses and dangers of electricity?
Why can we classify some forces as balanced and some as unbalanced?

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Why do we not electrocute ourselves when we use plugs?
How can we change what's going on in a circuit?
What are the dangers of radiation?
What is radiation and what different types are there?
What makes up the EM spectrum?
Why are calculations important in chemistry?
What's neutralization?

How does resistance affect a circuit?
How can objects affect each other?
What are the uses and dangers of the EM spectrum?
What's the difference between an acid and a base?
How can our body defend itself against disease?
How does the brain and spinal cord control our body?
Why do we look the way we do?

How do living things grow and repair themselves?
What's DNA and why is it so important?
How do we know what we evolved from?
How do metals and non-metals bond together?
How do non-metals bond together?
How do cells divide?

How do we make clean drinking water?
What is the difference between aerobic and anaerobic respiration?
How are substances transported around our body?
How we can observe cells

How do we classify elements now?
How does a plant make its own food?
How do plants reproduce?
What are the differences between aerobic and anaerobic respiration?
How do we digest our food?
What is a healthy diet?

How can we control an electrical circuit?
What structures are involved in a plant?
How do we classify living things?
How do organisms carry out successful gas exchange?

How do we neutralize an acid or alkali?
How can we make new substances?
What are the differences between renewable and non-renewable resources?
What are the uses and dangers of electricity?
Why can we classify some forces as balanced and some as unbalanced?

How do organisms adapt and survive?
What changes do our bodies go through when we grow up?
What components allow humans to carry out gas exchange?
What makes up living organisms?
What are the different types of cells and what are their uses?

How do we neutralize an acid or alkali?
How can we make new substances?
What are the differences between renewable and non-renewable resources?
What are the uses and dangers of electricity?
Why can we classify some forces as balanced and some as unbalanced?



welcome