

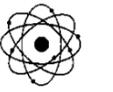
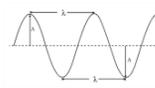
THA Science Learning Journey



A levels?
T levels?
Level 3 BTEC?
Apprenticeship?

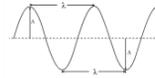
YEAR
11

How is energy transferred in a wave?



What affects the rate of a chemical reaction?

How does the body maintain a constant internal environment?



What are the main types of nuclear radiation?

How do we determine amounts of substances in chemical reactions?



Why does energy change in a chemical reaction?

YEAR
10

How does energy change in electrical circuits?



How do REDOX and acid/base reactions work?



How are specialised cells adapted to their function?



How is energy stored and transferred?



How do metals react with acids?

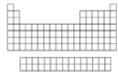


How are metals extracted?

How do we use materials from the earth?



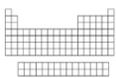
How was today's periodic table developed?



How do organisms interact with each other and their environment?



How are atoms arranged?



How was the model of an atom developed?



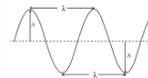
How to prevent spread of infection?



What does it mean to be healthy?

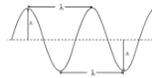


What are sound waves?

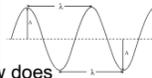


YEAR
9

What is the electromagnetic spectrum?



How does light travel?



What is "work done"?



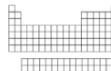
What is temperature?



How do electromagnets work?



What is the periodic table?



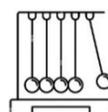
What is respiration and photosynthesis?



How do our activities impact on the environment?



What are contact forces?



What are elements and compounds?



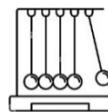
What are electric circuits?



Why do we look like both our biological parents?

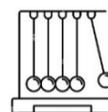


How do we measure speed?

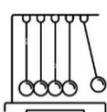


YEAR
8

What are forces?



Why do we have day and night?



What is energy?



What is an ecosystem?



What are cells?



YEAR
7

How are particles arranged in solids, liquids and gases?



What are renewable and non-renewable energy resources?



What is the difference between a physical and chemical reaction?



Welcome



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Creative Education Trust