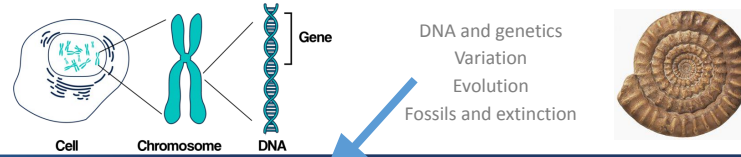
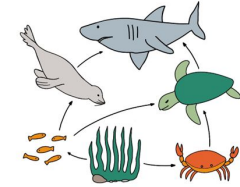


# Biology Learning Journey



DNA and genetics  
Variation  
Evolution  
Fossils and extinction

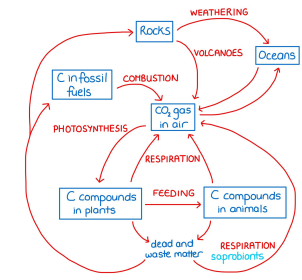


Progression to A level Biology

## Inheritance, Variation and Evolution

Adaptation and competition  
Food webs and chains  
The carbon cycle

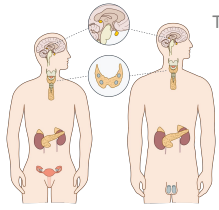
Year 11



The human nervous system  
Reflex actions  
Homeostasis  
The endocrine system  
Diabetes  
The menstrual cycle

## Homeostasis and Response

## Ecology

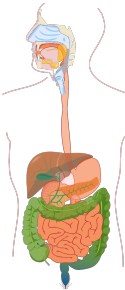


Photosynthesis  
Respiration  
Heart rate and breathing  
 $\text{CARBON DIOXIDE} + \text{WATER} \rightarrow \text{GLUCOSE} + \text{OXYGEN}$

## Bioenergetics

## Organisation

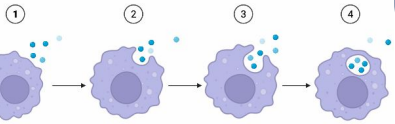
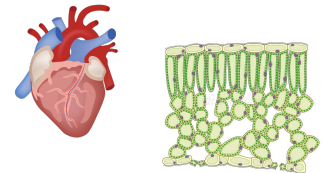
The digestive system  
Food tests  
The heart  
The circulatory system  
Gas exchange in plants and animals



Communicable and non-communicable  
Pathogens and defence responses  
Vaccines and antibiotics  
Health and lifestyle  
Alcohol, smoking, cancer

## Infection and Response

Year 10



## Cell Biology

Year 9

Plant and animal cells  
Using a microscope  
Specialised cells  
Cell transport

