

## Year 1

### Science

### **Key Stage 1** Learning Journey





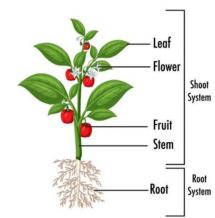








Deciduous / Evergreen

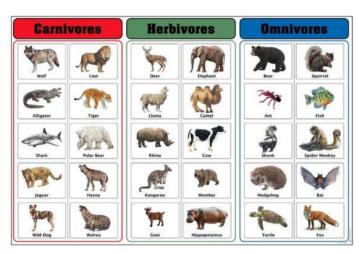


**Drawing Parts of Plants** 



**Observe Growth of Flowers** and Vegetables

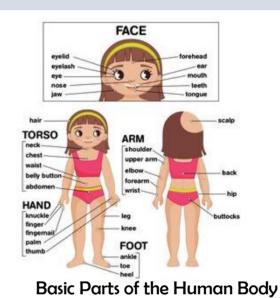
### Summer - Plants and Seasonal Change



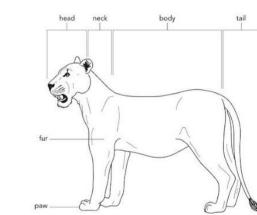
Carnivore / Herbivore / Omnivore



**Common Animals** 



Structure of Common Animals



### Spring - Animals including Humans





Variety of Materials



**Physical Properties** 



Compare and Groups





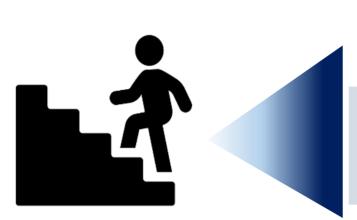
Autumn - Everyday Materials

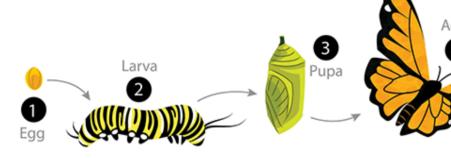


## Year 2 **Key Stage 1** Learning Journey

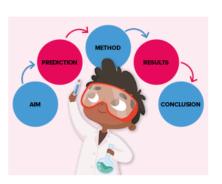
### Science



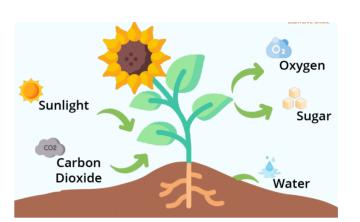




Animals Including Humans -Embryo to further development, e.g. egg, pupa / baby, toddler



**Working Scientifically** 



Plants - Essential Needs

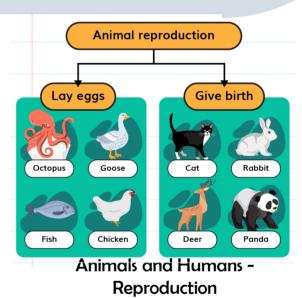
#### Summer - Plants - Observe and Describe Growth



Living Things and Their Habitats



Animals and Humans -**Basic Needs** 



### Spring - Animals and Humans - Exercise, Diet, Hygiene













Working Scientifically

**More Materials** 

**Objects** 

Same Material for Different Different Material for Same **Objects** 

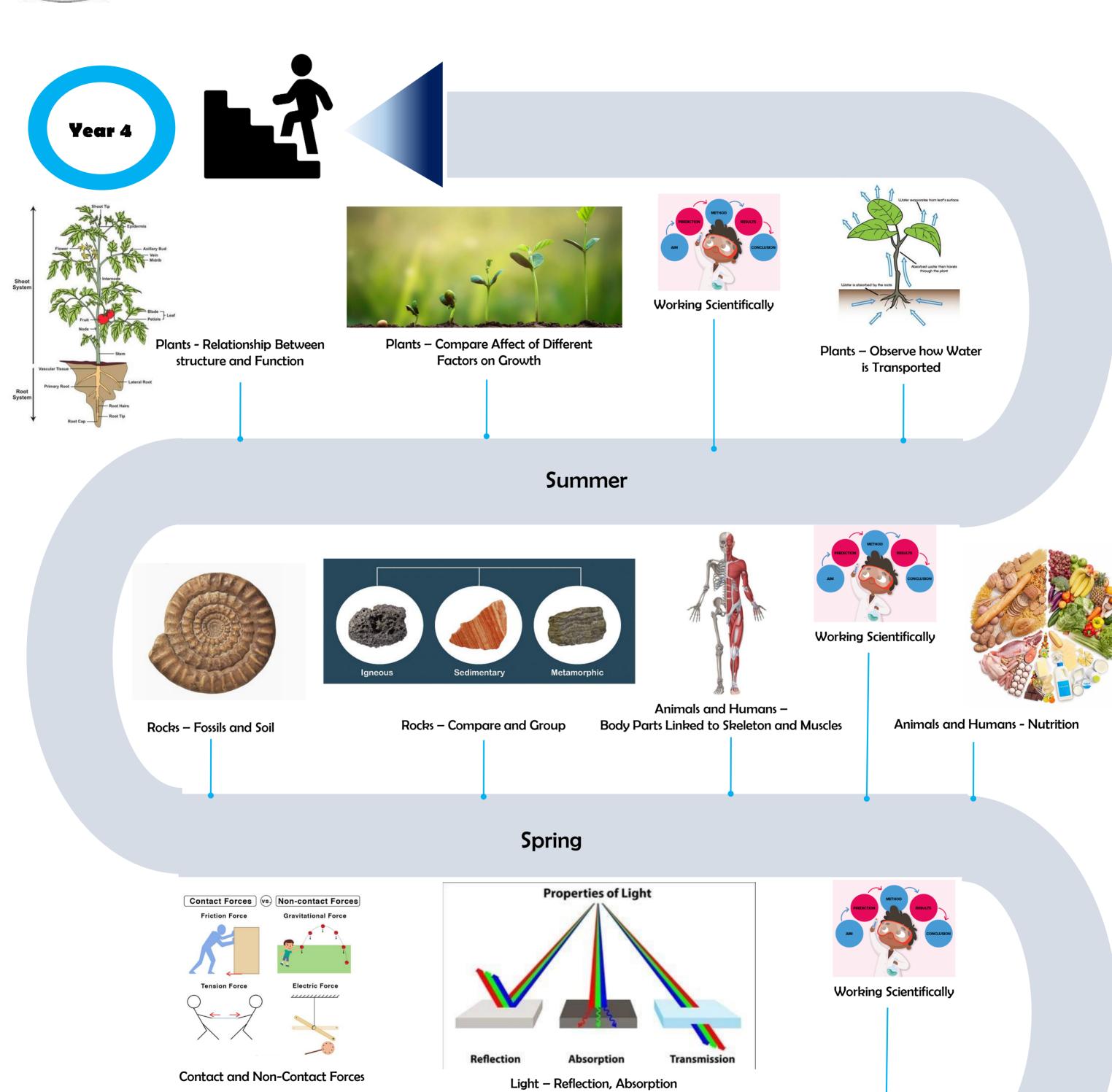


Autumn - Uses of Everyday Materials



# Year 3 Lower Key Stage 2 Learning Journey

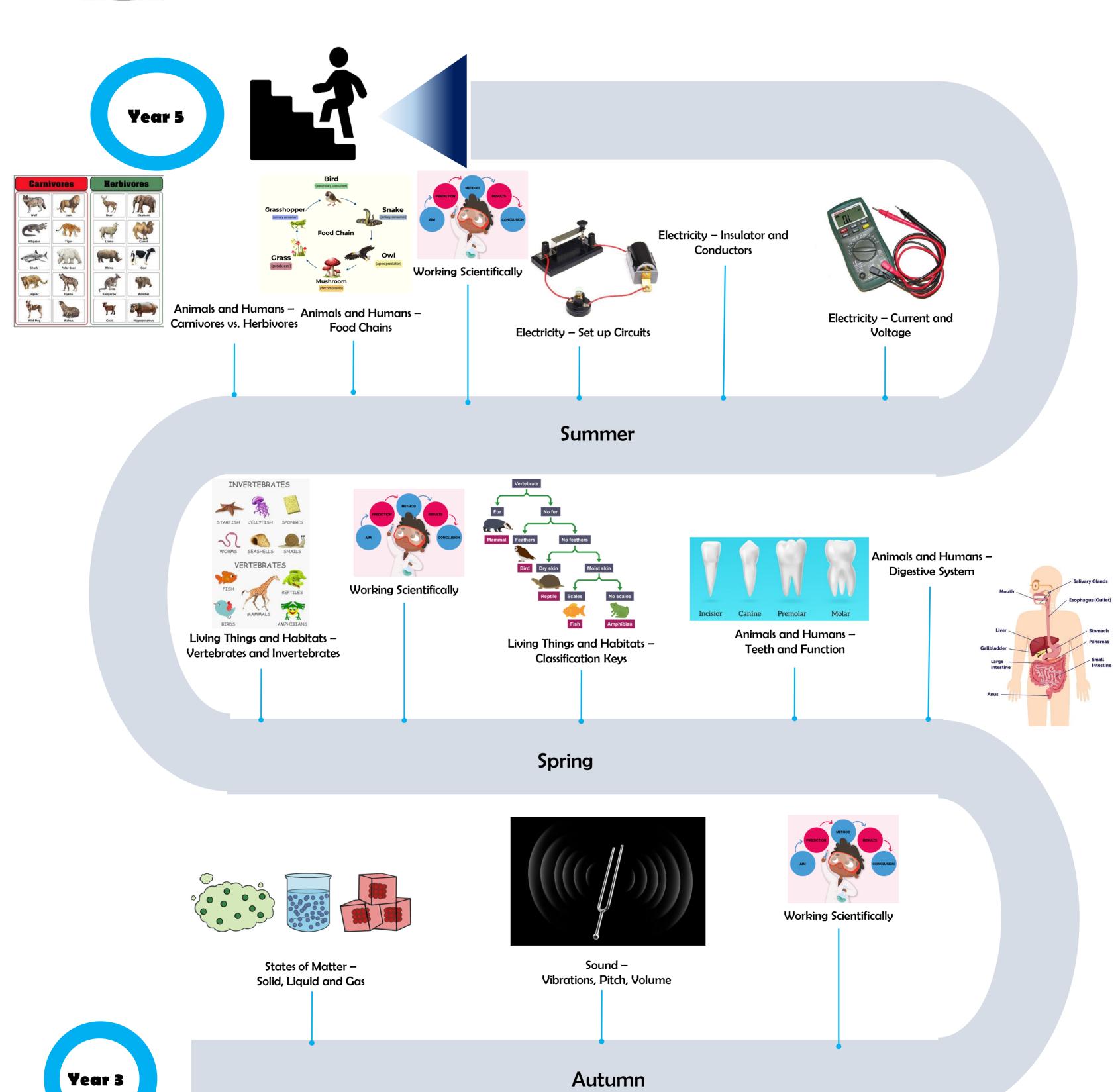
### Science







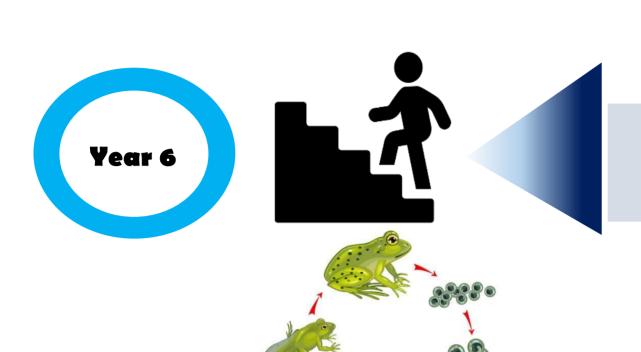
# Year 4 Lower Key Stage 2 Learning Journey





## Year 5 Upper Key Stage 2 Learning Journey

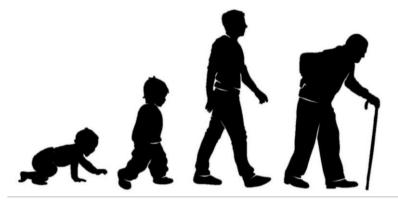
### Science



Living Things and Habitats – Life Cycles and Processes

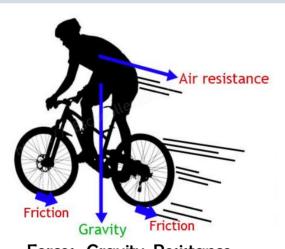


Working Scientifically



Animals and Humans – Aging, Puberty, Growth

#### Summer



Forces- Gravity, Resistance, Friction, Drag

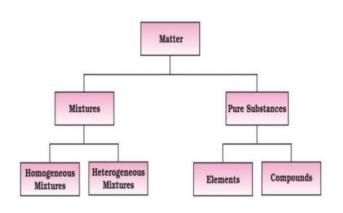


Working Scientifically (fair testing)

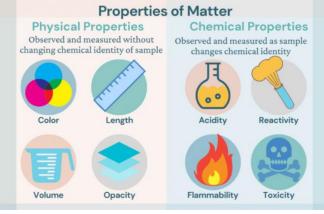


Earth and Space – Scientific Models to explain complex systems

### Spring



Properties of Materials -Basic Chemistry Terminology



Properties of Materials -Characteristics



Properties of Materials – Dissolving, Mixing, Filtering

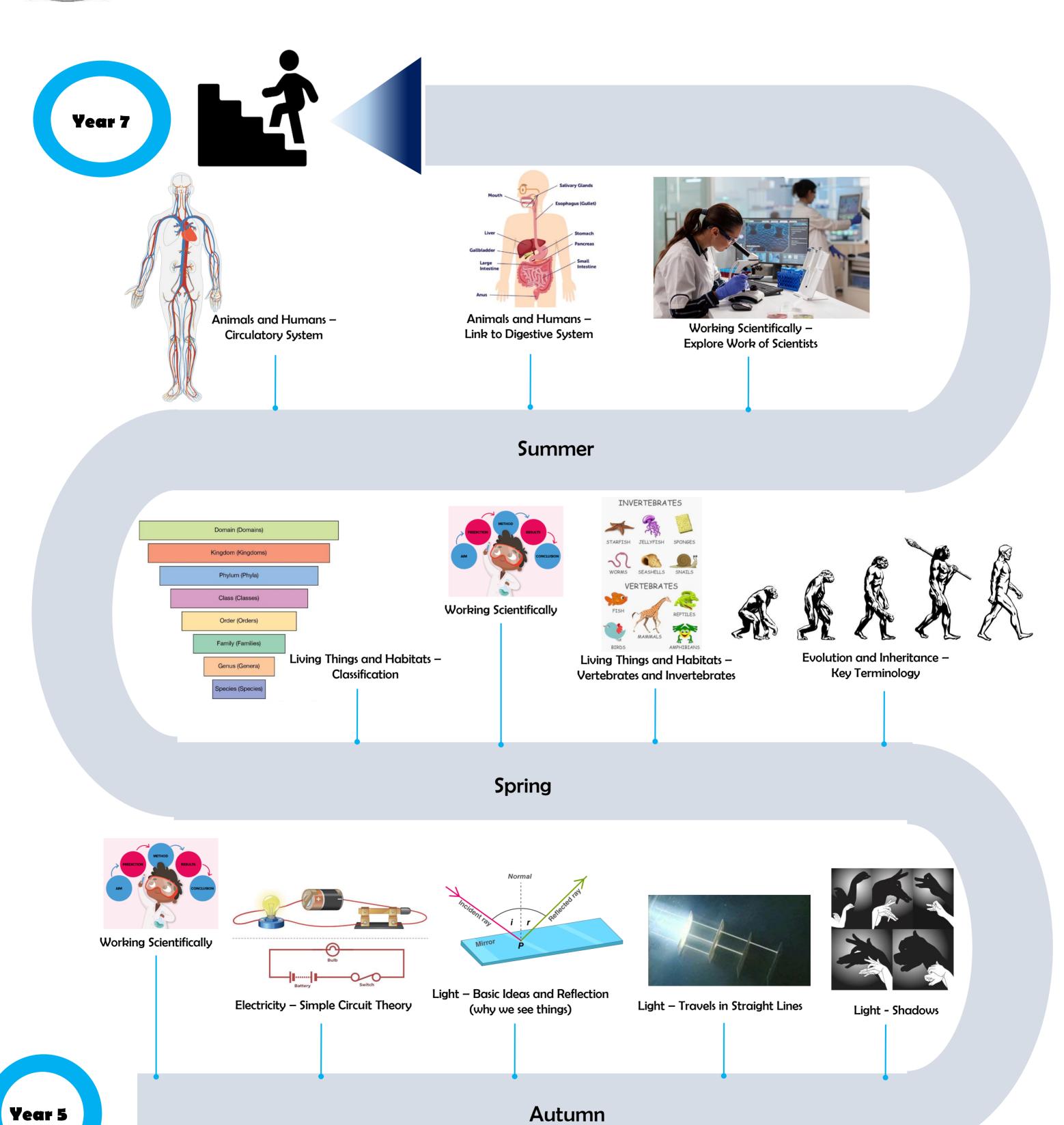


**Chemical Reactions** 



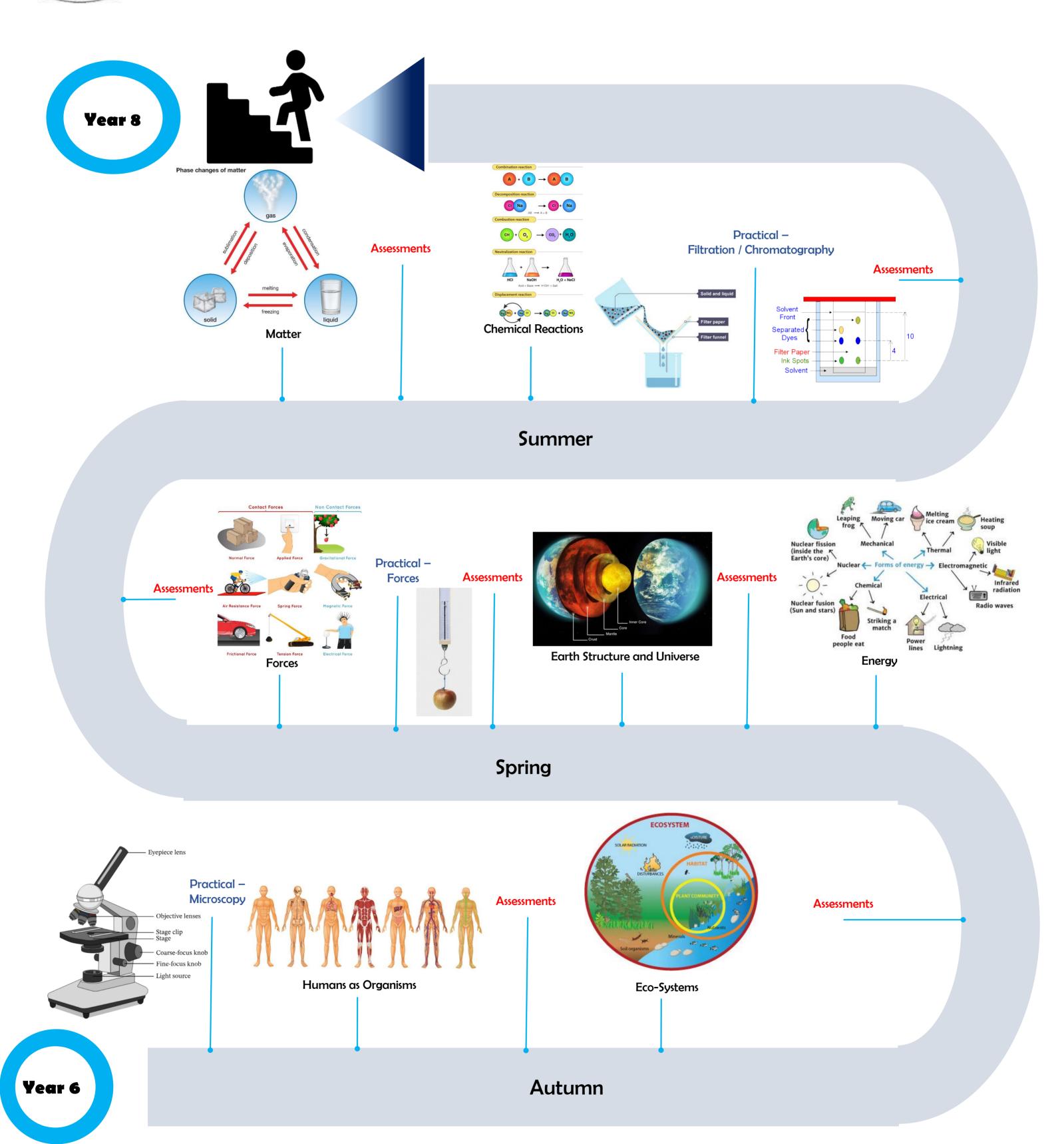


### Year 6 Upper Key Stage 2 Learning Journey



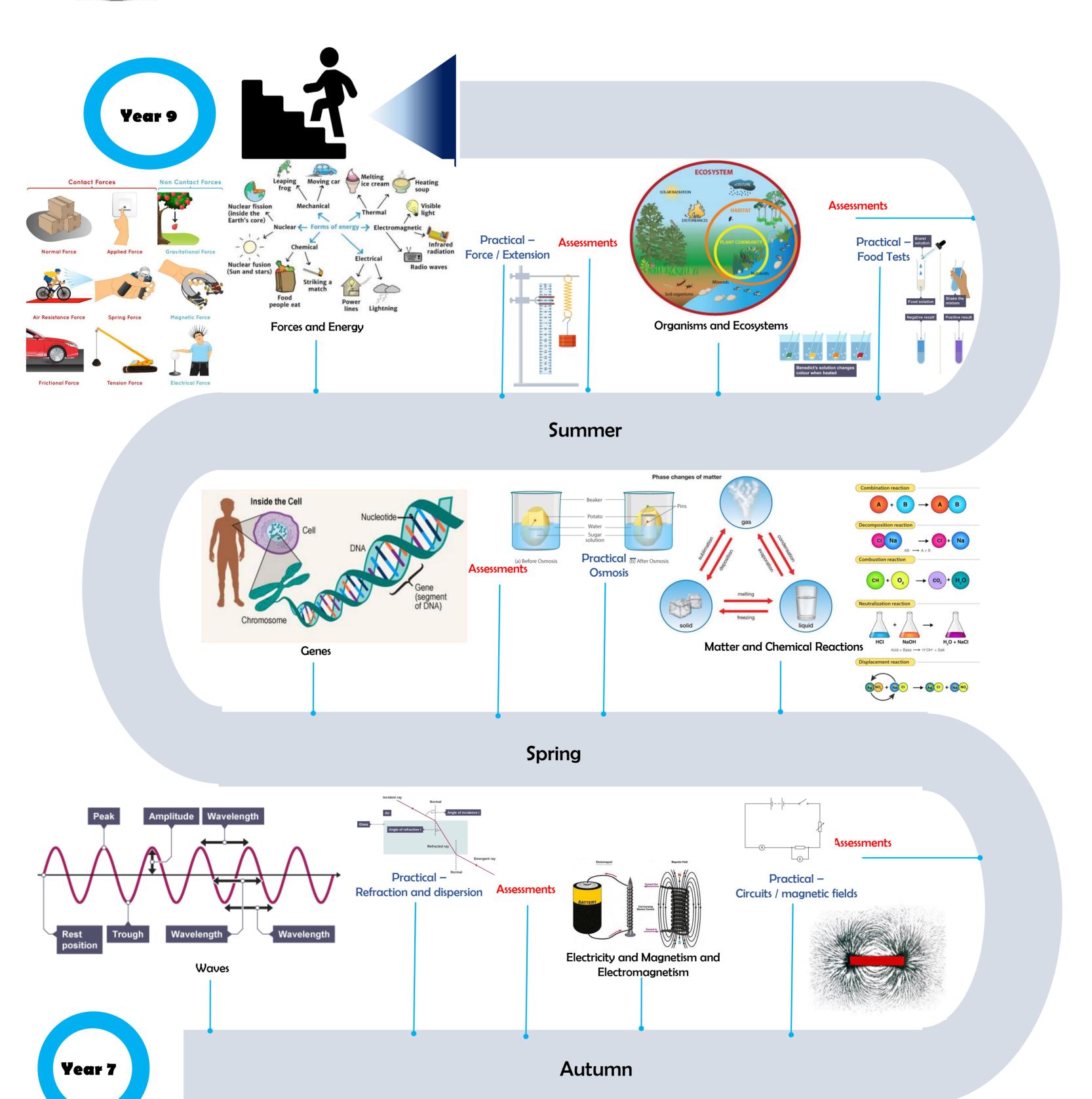


# Year 7 Key Stage 3 Learning Journey





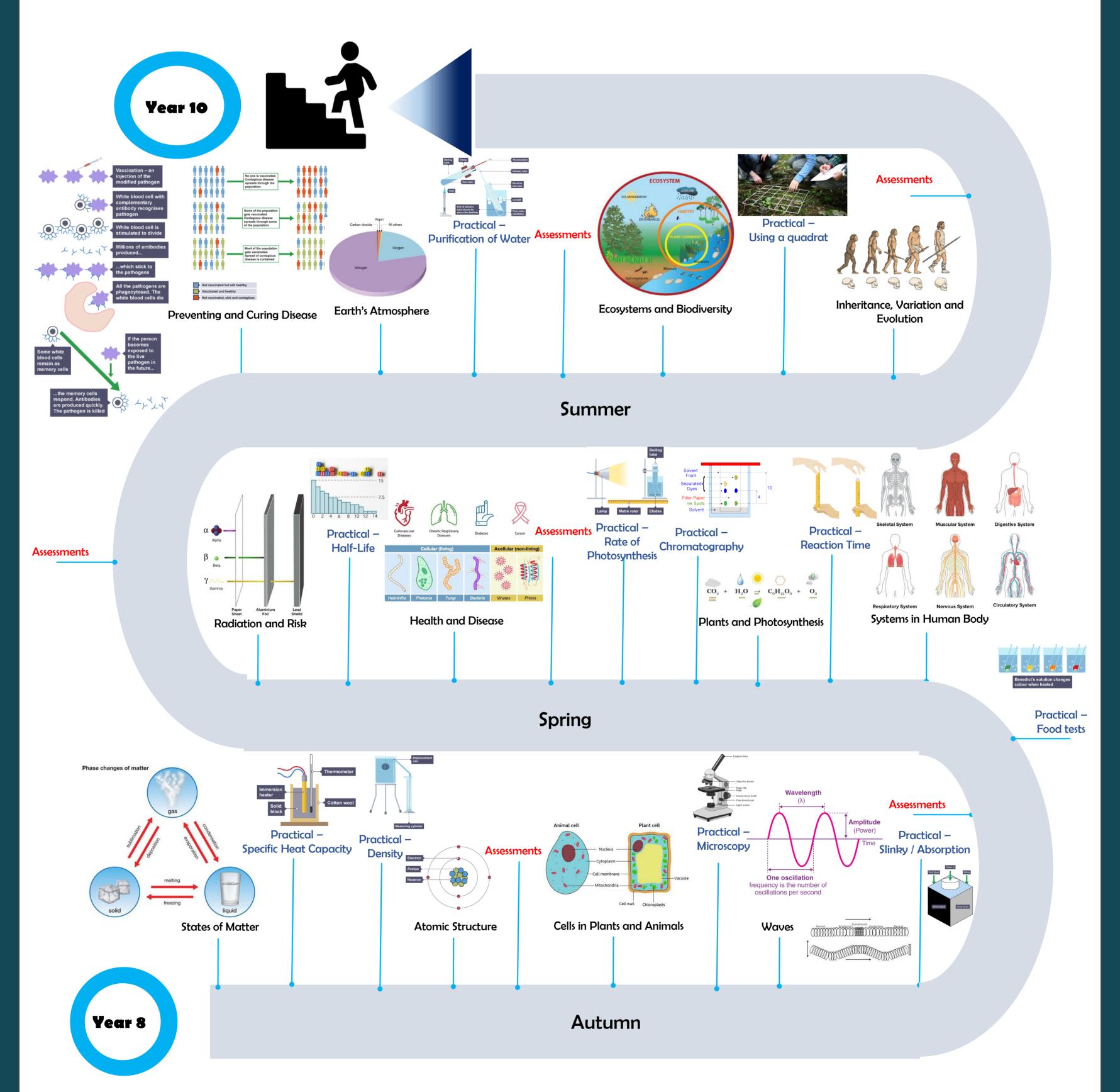
# Year 8 Key Stage 3 Learning Journey

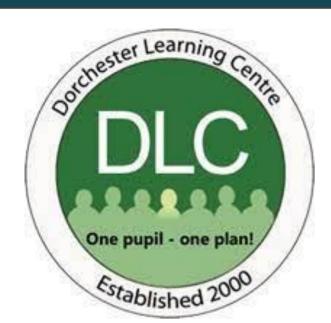




## Year 9 Key Stage 4 Learning Journey

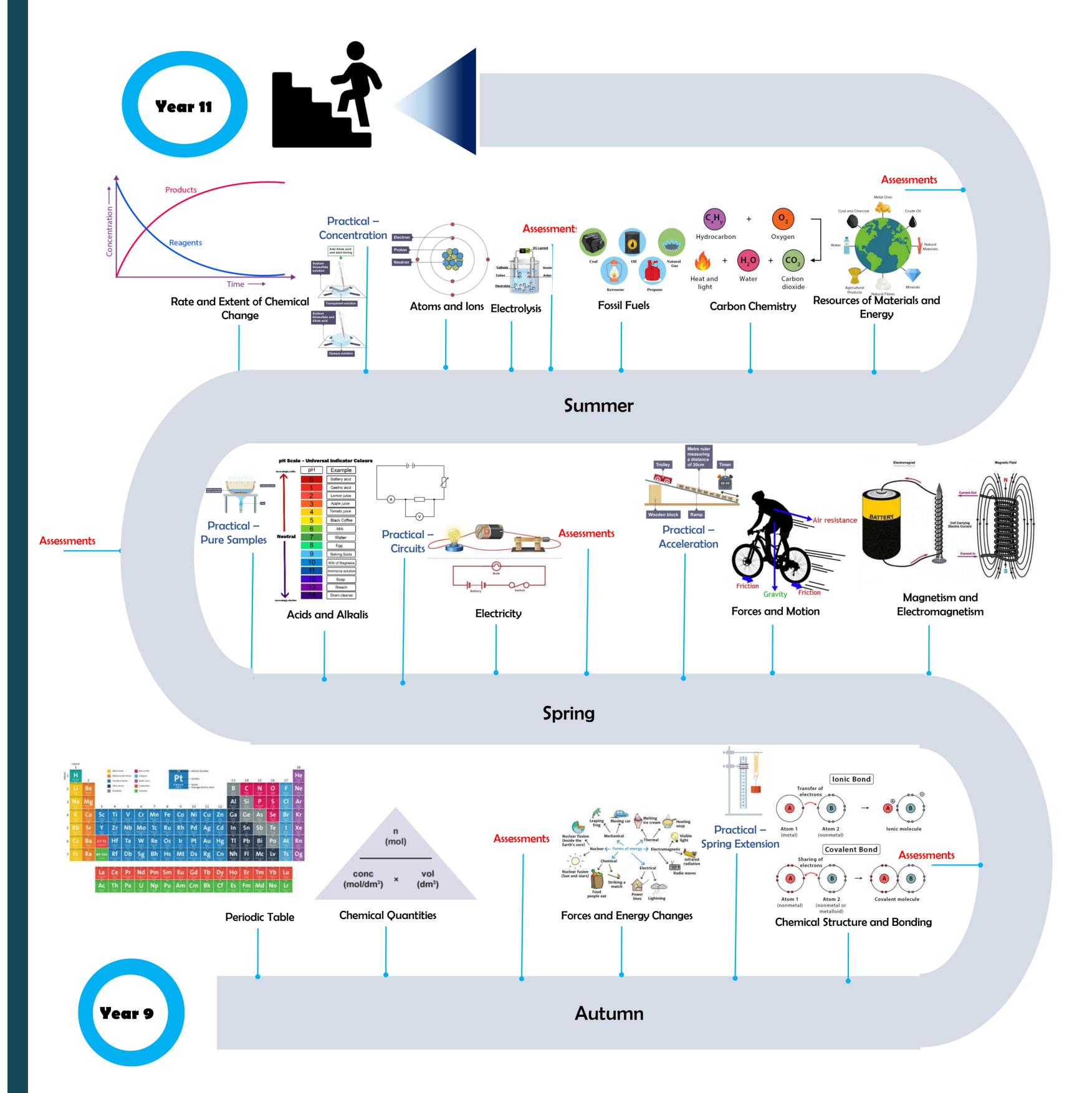
## AQA Combined Science Synergy





### Year 10 Key Stage 4 Learning Journey

## AQA Combined Science Synergy

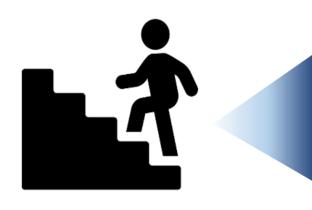




## Year 11 Key Stage 4 Learning Journey

## AQA Combined Science Synergy





Two GCSE's in Science



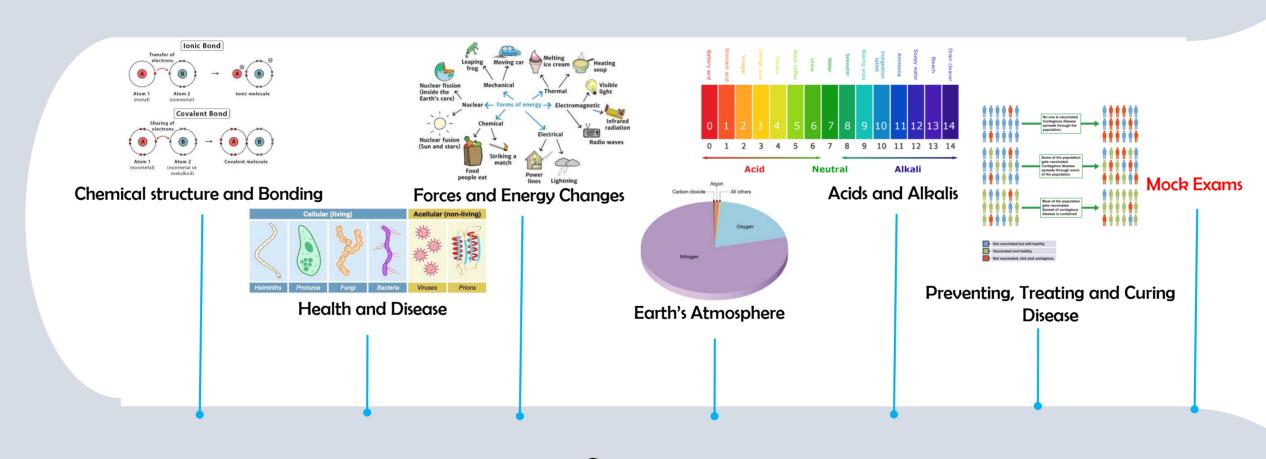




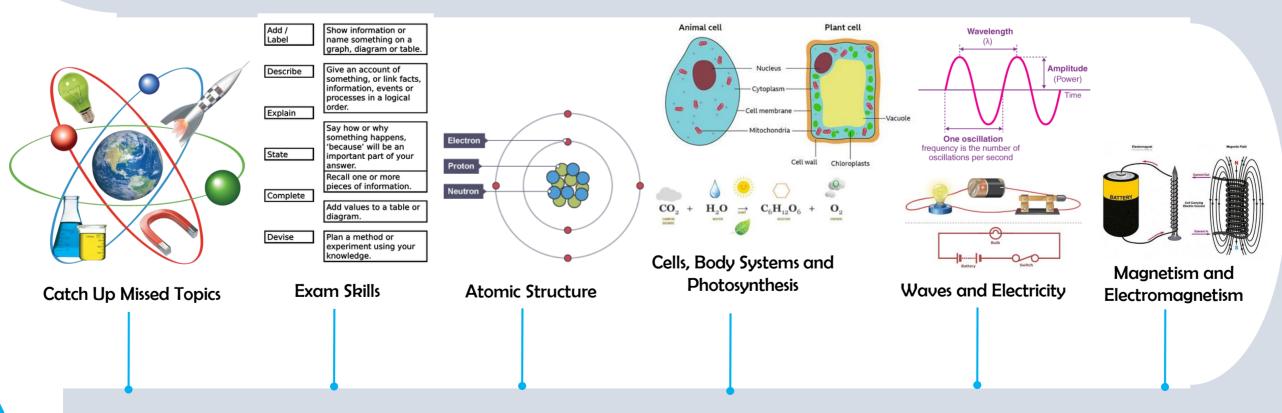
GCSE Exams



#### Summer



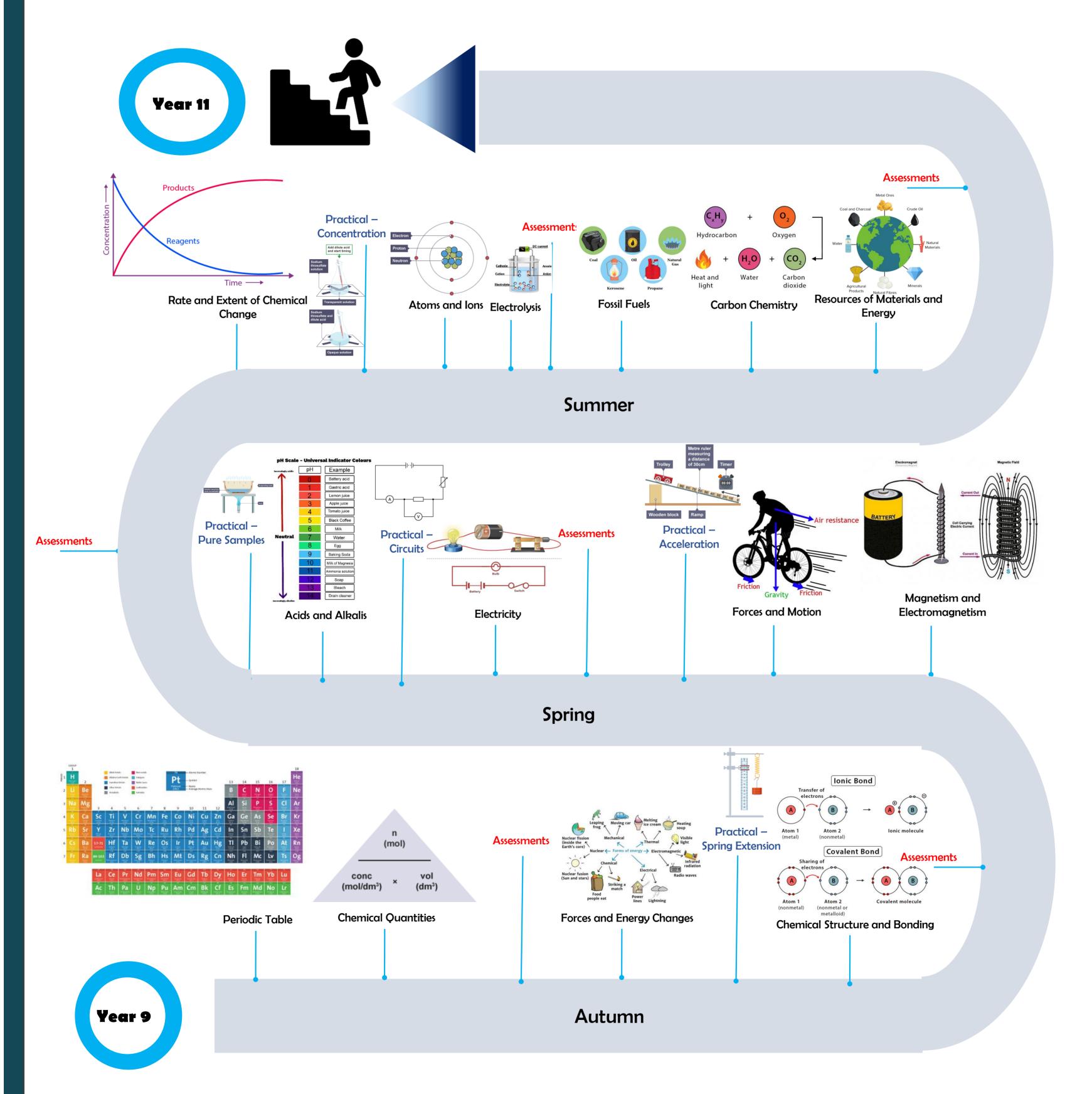
#### Spring



Year 10



# Vocational Year 10 AQA Combined Science Key Stage 4 Learning Journey AQA Combined Science Synergy

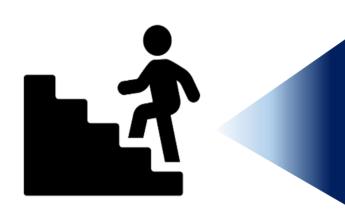




### Vocational Year 11 AQA Combined Science **Key Stage 4** Learning Journey

## Synergy

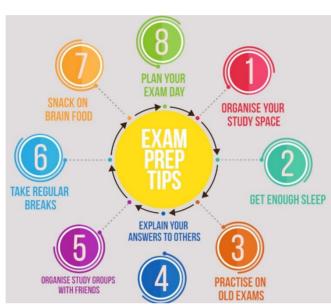




Two GCSE's in Science



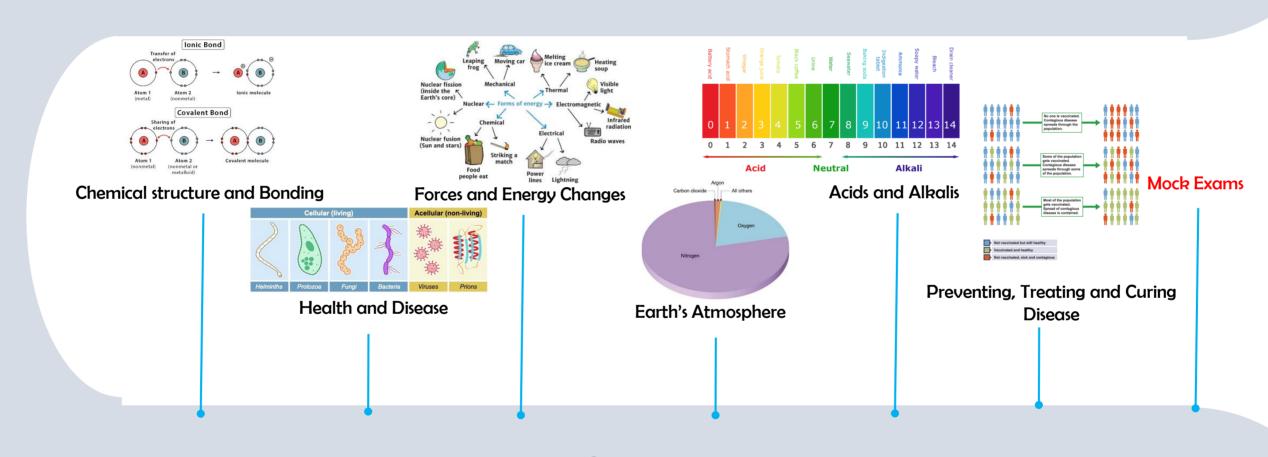




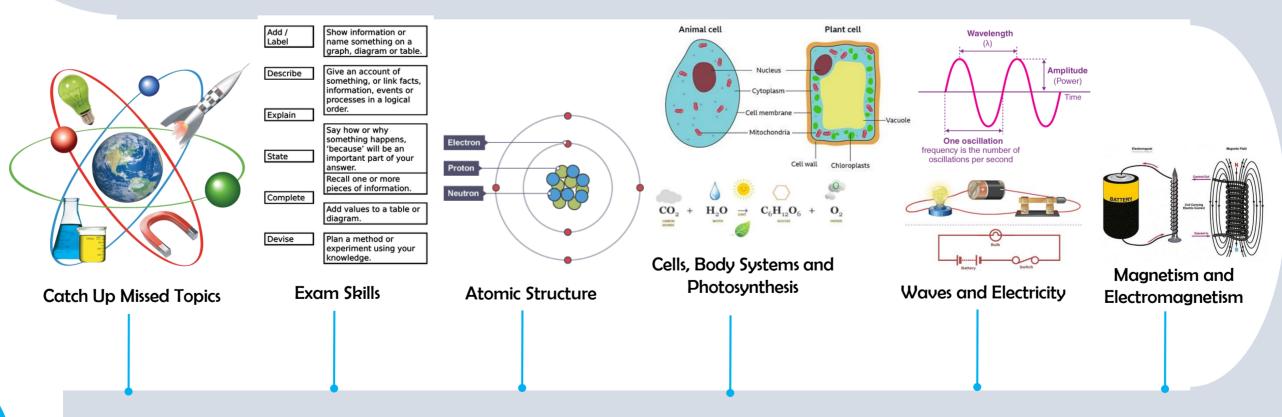
**GCSE Exams** 



#### Summer



#### Spring



Year 10