

Year 7 Learning Journey

Welcome

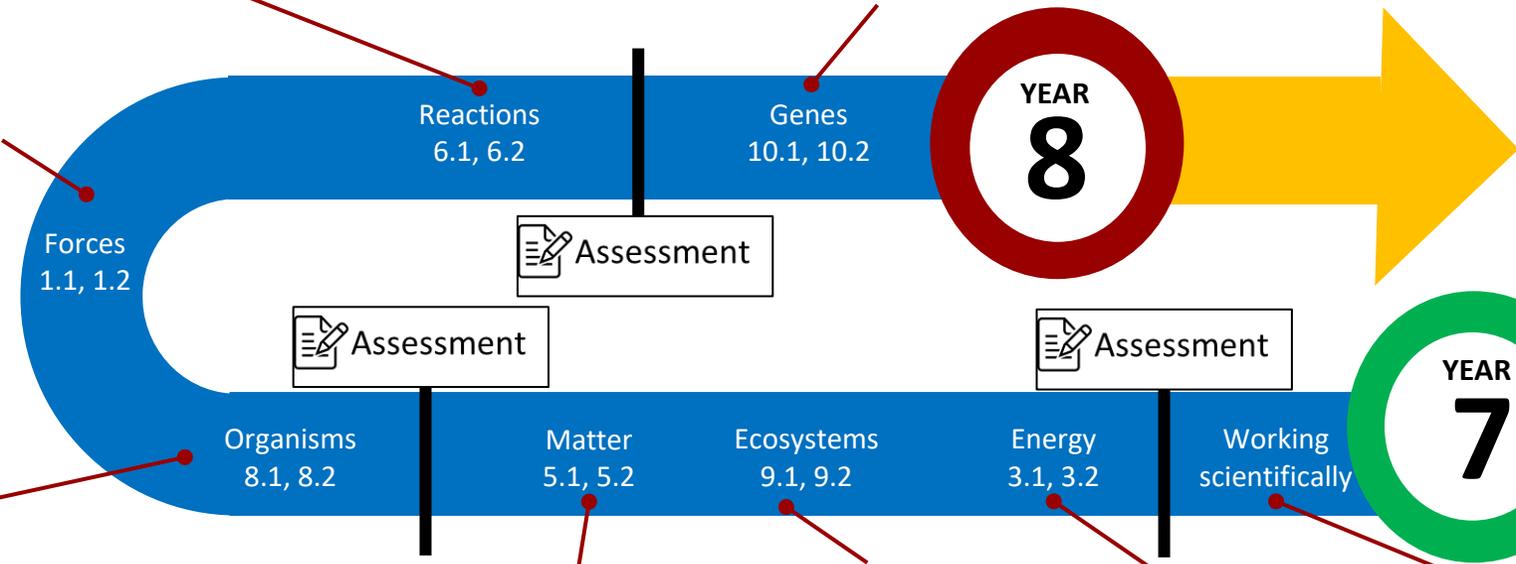


1. Chemical reactions
2. Acids and alkalis
3. Indicators and pH
4. Acid strength
5. Neutralisation
6. Making salts

7. Intro to elements
8. Chemical reactions of metals and non-metals
9. Metals and acids
10. Metals and oxygen
11. Metals and water
12. Metal displacement reactions

1. Variation
2. Continuous and discontinuous variation
3. Adapting to change
4. Adolescence
5. Reproductive systems
6. Fertilisation and implantation
7. Development of a foetus
8. The menstrual cycle

1. Introduction to forces
2. Balanced and unbalanced forces
3. Speed
4. Distance – time graphs
5. Gravity



1. Observing cells
2. Plant and animal cells
3. Specialised cells
4. Movement of substances
5. Uni-cellular organisms
6. Levels of organisation
7. The skeleton
8. Movement: joints
9. Movement: muscles



1. The particle model
2. States of matter
3. Melting and freezing
4. Boiling
5. More changes of state
6. Diffusion
7. Gas pressure
8. Pure substances and mixtures
9. Solutions
10. Solubility
11. Filtration
12. Evaporation and distillation
13. Chromatography



1. Food chains and food webs
2. Distribution to food chains and webs
3. Ecosystems Competition
4. Flowers and pollination
5. Fertilisation and germination
6. Seed dispersal



1. Energy and fuels
2. Energy resources
3. Energy and power
4. Energy adds up
5. Energy dissipation



1. Safety in science
2. Laboratory Equipment
3. Designing Investigations
4. Asking scientific questions
5. Planning investigations
6. Collecting, recording and presenting data
7. Analysing patterns in data
8. Evaluating data and methods

