

# Science Five Year Pathway

HuishSixth



**FINAL GCSE EXAM**

**P:** Waves, magnetism & electromagnetism, space (T)

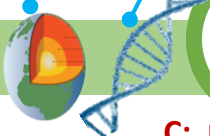
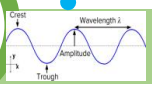
**C:** The Earth's atmosphere & resources, using our resources (T)

**B:** Reproduction, DNA & protein synthesis (T), variation & evolution, genetics

**C:** Crude oils & fuels, organic reactions (T), polymers (T), chemical analysis

**B:** Nervous system, hormonal coordination, homeostasis (T)

**EXAM REVISION**



**Mocks**

**P:** Forces & interactions, forces & motion



**YEAR 11**

**C:** Structure and bonding, chemical calculations

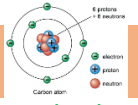
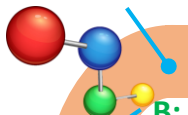
**P:** Particle model of matter, atomic structure & radioactivity

**B:** Photosynthesis, respiration, ecology

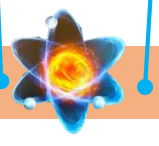
**C:** Electrolysis, energy changes, rates & equilibrium

**P:** Electric circuits, electricity in the home

**EOY Exam**



**Winter Exam**



**B:** Organisation in plants, communicable diseases, plant diseases and monoclonal antibodies (T), cell division & cancer

**B:** Circulation & respiration, non-communicable diseases

**P:** Energy conservation, transfer & resources

**YEAR 10**

**EOY Exam**



**Winter Exam**



**C:** Atomic structure



**P:** Energy & Waves  
3.3 Work  
3.4 Heating & cooling  
4.3 Wave effects  
4.4 Wave properties

**P:** Particle model & density, change of state, internal energy & gas pressure

**C:** Periodic table, chemical reactions

**B:** Cells & organelles organisation & digestive system



**EOY Exam**

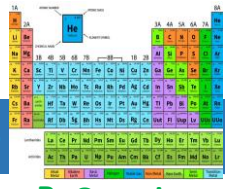
**YEAR 9**



KS4

**C:** Reactions & Earth  
6.3 Types of reactions  
6.4 Chemical energy  
7.3 Climate  
7.4 Earth Resources

**B:** Ecosystems & Genes  
9.3 Respiration  
9.4 Photosynthesis  
10.3 Evolution  
10.4 Inheritance



**Winter Exam**



**P:** Energy, Waves & Space  
3 Energy  
4.1 Sound  
4.2 Light  
7.2 Universe

**P:** Forces, Magnets & Electromagnets  
1.3 Contact forces  
1.4 Pressure  
2 Magnets & electromagnets

**C:** Matter  
5.3 Elements  
5.4 Periodic Table

**B:** Organisms  
8.3 Breathing  
8.4 Digestion



**EOY Exam**

**YEAR 8**

**Winter Exam**

**C:** Reactions & Earth  
6.1 Acids & alkalis  
6.2 Metals & non metals  
7.1 Earth structure

**B:** Ecosystems & Genes  
9.1 Interdependence  
10.1 Variation  
10.2 Human Reproduction  
9.2 Plant reproduction



**YEAR 7**

KS3

**P:** Forces & Electricity  
1.1 Speed  
1.2 Gravity  
2 Electricity

**C:** Matter  
5.1 Particle model  
5.2 Separating mixtures

**B:** Organisms  
8.1 Movement  
8.2 Cells