



### Science – Curriculum Overview – 2023-2024

Year Group	HT 1	HT 2	HT 3	HT 4	HT 5	HT 6
7	Lab Safety Organisms 1	Organisms 1 Matter 1	Forces 1	Energy 1	Energy 1 Genes 1	Genes 1
8	Genes 1	Earth 1	Electromagnets 1 Ecosystems 1	Reactions 1 Waves 1	Waves 1 Organisms 2	Matter 3
9	Matter 2 & 3 Forces 2	Genes 2 & 3 Reactions 2 & 3	Reactions 2 & 3	Electromagnets 2 Ecosystems 2	Ecosystems 2 Earth 2	Energy 2 Waves 2
10 Biology	Cell Biology	Organisation	Organisation	Infection and Response	Infection and Response Bioenergetics	Bioenergetics
10 Chemistry	Periodic Table	Bonding and Structure	Bonding and Structure	Quantitative Chemistry	Quantitative Chemistry	Chemical Changes Energy Changes
10 Physics	Energy	Electricity	Electricity	Particle Model of Matter	Atomic Structure	Forces Part 1
11 Biology	Ecology	Homeostasis	Inheritance and Variation	Inheritance and Variation	Revision	Exams
11 Chemistry	Rates of Reaction Organic Chemistry	Chemical Analysis	Chemistry of the atmosphere	Using Resources	Revision	Exams
11 Physics	Forces Part 2	Waves	Waves Magnetism & Electromagnetism	Magnetism & Electromagnetism Space Physics (Separates only)	Revision	Exams

**Weekly Extra-Curricular Provision:**

- *STEM Club*
- *Science club*

**Additional Extra-Curricular Provision:**

- *Kielder Forrest Observatory*
- *Edinburgh Zoo and Museum visit*

**Intervention Provision**

- Homework Support Club – Tuesday lunchtime – All years. (Room 35)
- Killer questions Club – Wednesday lunchtime Year 10 and 11 + Friday
- Set 6 (Year 11) Intervention - Monday lunchtime (Room 45)
- Combined Science (Year 11) – Wednesday lunchtime (various rooms)
- Chemistry (Year 11) – Thursday lunchtime (Room 45).