



Curriculum Overview

Subject: Science

Year: 7

Rationale: To create engaging lessons to promote teaching for understanding rather than covering fragmented content, thereby equipping students to access and succeed at ks3 whilst laying foundations for progressing on to ks4.

Units of Work		Key Knowledge development:	Key Skills development:	Assessment
1	Science in the Forest Project – speed; separation methods; interdependence			
2	Practical skills in Science			
3	ENERGY & MOTION – types; work; electricity			
4	MATTER - Particle model and heating/cooling REACTIONS – acids and alkalis			
5	ORGANISMS – cells & transport; body systems; Human reproduction			
6	OUR PLANET – gravity; weight & mass			

Literacy/Numeracy:

- Subject specific key words & glossary
- Command words
- EW assessments
- Graph skills
- Equations

Curriculum enrichment:

- Ecology project in term 1
- Guest speakers
- Crest drop down day
- Science week

SMSC/British Values/Careers:

- Reproduction and relationships
- Human impact on the environment
- 1st lesson of each topic to be linked to careers

Assessment

Each topic to have 2 forms of assessment. 1 to always be an end of topic test. The other will be 1 of:

- Extended writing
- Practical skill
 - o Plan
 - o Carrying out & collecting data
 - o Analysing and interpreting
 - o Concluding & Evaluating

Mid Year and End of Year exams

