

Year 9 Science

The Cambridge Secondary 1 Science curriculum is presented in four content areas: Scientific enquiry, Biology, Chemistry and Physics. Scientific enquiry is about considering ideas, evaluating evidence, planning investigative work and recording and analysing data. The Scientific enquiry objectives underpin Biology, Chemistry and Physics, which are focused on developing confidence and interest in scientific knowledge. Environmental awareness and some history of science are also incorporated. The Cambridge Secondary 1 Science curriculum framework continues the journey from the Cambridge Primary Science framework and provides a solid foundation upon which the later stages of education can be built

Term 2

Resources and activities:

1. Checkpoint Science 3, Peter D Riley. Chapters 6, 10-12
2. Cambridge Checkpoint Science 9, M Jones, D.F Freeman, D Sang. Unit 1 Variation and inheritance, Unit 6 Reactivity, Unit 7 Salts, Unit 8 Rates of reaction
3. Brainpop videos and quizzes.
4. BBC Keystage 3 videos and quizzes and activities.
5. Activities and practicals done in the classrooms.
6. Learning games done in class.

Assessments 1st half of Term 2:

Mini tests and mini quizzes

1. Reactivity. 33%
2. Metals and acids. 33%
1. Forming salts by neutralization 33%

Assessments 2nd half of Term 2:

Mini tests and mini quizzes

1. Variation and inheritance. 33%
2. Selective breeding and natural selection. 33%
3. Rates of reaction. 33%