

Formative Assessment

The **Connect** phase of every lesson enables teachers to assess student’s readiness to learn a new concept and address any gaps in relevant prior knowledge before teaching new content.

AFL is planned into every lesson in a variety of forms and students use green pen to respond to any written AFL tasks. Teachers use various methods of questioning to assess student learning against the ‘know, apply and extend’ framework each lesson.

The **Consolidate** phase at the end of lessons enables assessment of new learning and teachers use this to plan interventions and adaptations to future lessons.

In KS3 ‘**How Science Works**’ assessments are designed to be formative and are either, teacher and self-assessed against formative how science works descriptors. In the KS4 foundation year, teacher devised practical assessments are teacher and self-assessed using the ELC grading criteria, and at GCSE, **practical skills assessments** are self-assessed for each required practical enabling students and teachers to clearly see student progress towards mastery.

Extended response assessments are built in to each topic at KS4 to ensure regular assessment of literacy and application. These are self-assessed and students respond to formative feedback provided to improve their work.

Homework is designed to support retrieval of fundamental knowledge and teachers utilise this to assess whether students are secure in their knowledge of key concepts and plan the appropriate interventions to support and challenge students going forward.

Summative Assessment

In KS3 mastery end of unit tests are taken at the end of each big idea, assessing students understanding against the ‘know, apply, extend’ framework.

At KS4 and 5, end-of-unit summative assessments utilise past exam paper questions and are marked by the teacher. These assessments are also interleaved by cumulative papers which support accurate assessment of retrieval and knowledge security.

KS3	Earth End of unit test	Ecosystem End of unit test	Organisms End of unit test	Reactions End of unit test	Forces End of unit test	Waves End of unit test	Matter End of unit test	Genes End of unit test	Electromagnets End of unit test	Energy End of unit test
	HSW/transition retrieval	Earth retrieval	Ecosystem retrieval	Organisms retrieval	Reactions retrieval	Forces retrieval	Waves retrieval	Matter retrieval	Genes retrieval	Electromagnets retrieval
KS4 & 5	End of unit assessment		End of unit assessment		End of unit assessment		End of unit assessment		End of unit assessment	
	Cumulative assessment			Cumulative assessment			Cumulative assessment			

Assessment Recording and Reporting

Summative assessment is recorded on Go for Schools as a mark for each assessment. This enables clear communication regarding student progress between teachers, students and home. Other forms of formative assessment are tracked on Go for Schools with feedback being recorded in students books and assessment folders in red pen with students’ response in green. Data from summative assessments is collated at three points in the year to form the grades reported to parents and students at each Data Entry Point, with formative assessment being factored in where relevant.