

SUBJECT: KS3 Science

YEAR: 7

HEAD OF DEPARTMENT: Miss E James

GROUPING POLICY: Students are taught in their Maths groupings

COURSE CONTENT for Year 7 science:

What will my child learn?

The Year 7 programme of study is broken down into 6 individual modules each lasting between 5 and 18 lessons.

- Building the human body
- How electricity works
- Making energy work for us
- Separating mixtures
- Studying the environment
- The earth and its materials

In addition to the taught content students will also be given the opportunity to develop their scientific investigation skills such as method writing, table drawing and graphing which will prepare them for GCSE science in Years 10 and 11.

What will homework look like?

Homework will be set that covers the 3 scientific disciplines as well as key scientific skills.

What enrichment opportunities are available?

- Forensic science Deep Learning Day (DLD)
- CREST award group

ASSESSMENT

How will my child's work be assessed?

Students work will be assessed throughout the year and will include teacher marking, self-marking, peer assessment and automated online assessment. In addition to this all students will be assessed after completing each of the 7 units of study. Half of these assessments will be in the form of an end of unit test which will be primarily content based and the remaining assessments will be focusing more on scientific skills such as method writing, graph drawing, analysis of experimental data and modelling. Students will also sit an end of year exam in term 6.

All assessment data will be used along with behaviour and learning profiles to determine an appropriate set for year 8.

ADDITIONAL INFORMATION

How can I support my child in this subject?

The course follows the new national curriculum for KS3 science. All aspects of the course are covered on BBC bitesize.

How can I support my child with exams?

BBC bitesize is an excellent resource and can be very helpful when reviewing topics covered in lessons.