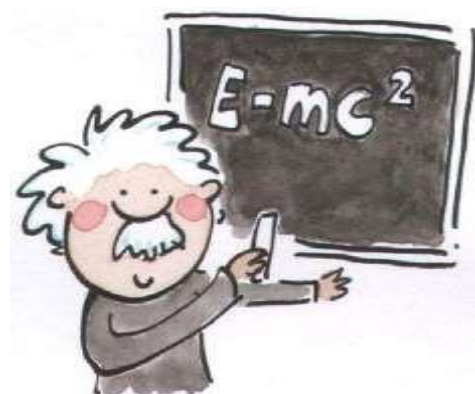


"Scientists have become the bearers of the torch of discovery in our quest for knowledge"
Stephen Hawking

As pupils have had a variety of experiences in different Primary Schools, we place them in mixed ability groups in Year 7. They will have a short introduction to working in the science laboratory and the safe use of laboratory equipment. They are provided with an exercise book and learning booklet which they are expected to bring to every lesson along with the correct equipment to learn.

The Year 7 curriculum includes the following topics:

- Cells and organisation
- Reproduction
- States of matter
- Materials and separating techniques
- Energy
- Forces and Motion
- Electricity
- Acids and alkali



We ensure that the pupils learn to work scientifically and develop their investigative skills along with their ability to analyse, evaluate and draw conclusions. Most importantly, we encourage them to ask questions and develop a sense of excitement and curiosity about natural phenomena.

Pupils are given regular homework which is set in their learning booklet. There is a short assessment at the end of each topic as well as academy wide cumulative assessments which are important tool in monitoring progress.

We recommend that pupils watch the news and scientific documentaries and



discuss these at home. There is an active science club and numerous enrichment activities to encourage pupils to gain confidence and broaden their experience of Science.

Use websites

- KS3 Science - BBC Bitesize - BBC.com
- <https://www.educationquizzes.com/ks3/science/>
- <https://mathsmadeeasy.co.uk/ks3-revision/key-stage-3-science/>
- <http://www.docbrown.info/ks3science.htm>
- <https://www.senecalearning.com/>