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Year 9

Department of Biology

OVERVIEW

Skills Developed

- Knowledge and understanding of science and how science works.
- Application of skills knowledge and understanding
- Practical, enquiry and data-handling skills.
- Problem solving skills.
- Group work, research and presentation skills.

Topics covered

Module B1:

Cells

DNA

Respiration

Photosynthesis

Module B6:

Monitoring and maintaining the environment

How we assess your daughter's progress

End of topic tests

Practical assessments

Multiple choice quizzes

How we support and develop your daughter

Support Material:

Your daughter is studying a new GCSE syllabus which will be first examined in 2018. As a result, publishers have not yet finalised the new text books and therefore your daughter may not be issued with a text book. Instead, all resources required to make excellent progress will be provided in individual lessons. In addition to these resources:

- CGP Revision Guides have proved useful
- <http://www.bbc.co.uk/schools/gcsebitesize/biology> and www.s-cool.co.uk/gcse/biology
- Other web-based resources will be recommended when appropriate

How you can help your daughter

- Encourage awareness of science in the wider world through discussion and the use of a range of media.
- Ensure that your daughter has the opportunity to successfully carry out practical activities to develop her manipulative skills. Following a recipe to cook a meal, including the accurate measurements of masses and volumes, and consideration of cooking times and temperatures, is an excellent example.
- Encourage effective revision, especially where significant factual knowledge is required.