



ENVIRONMENTAL SCIENCE AT Myton School - Moving into A Level Studies

Introduction

Environmental Science is multi-disciplined subject that will allow you to investigate the cause and effects of 21st century challenges on the natural environment. The course will allow you to develop the skills and knowledge to understand how our environment works and how people are changing it, be it for better or for worse!

The course is structured as shown below:

Year 1	i. The Physical Environment	ii. The Living Environment
Year 2	iii. Energy resources iv. Pollution	v. Living Resources vi. Sustainability
Throughout the course	Research methods (including maths and science skills) will be incorporated throughout the course.	

To be successful at Environmental Science you will need to understand the language of an Environmental Scientist. This means learning specialist key *terminology*. You will need to *interpret* and *manipulate* data and sources of information. Reading around the subject and topics will help greatly with this (a comprehensive list of subject links and publications can be found in this booklet). Finally, you will need to write down your ideas in both short answers and essays.

To prepare you and give you a taste of what it is like to be an A Level Environmental Scientist, you have been set the **GCSE to A-level progression: transition guide** to complete before the start of the Autumn term.

The Exam board is **AQA** and you can find a link to the course specification by following the link below:

<https://www.aqa.org.uk/subjects/science/as-and-a-level/environmental-science-7447>

You will need to buy a copy of the **AS/A Level Environmental Science textbook** for this course which you will be required to *bring to every lesson*.

A link to it can be found here:

<https://www.aqabookshop.co.uk/product/environmental-science-a-level-aqa-endorsed/richard-genn/richard-genn/>





Below is a list of equipment that you must bring to *every lesson* of Environmental Science:

- 🌐 Pen (black or blue)
- 🌐 Variety of different coloured pens (e.g. green, purple, pink - NOT red)
- 🌐 A4 Lined note paper (hole punched and margin)
- 🌐 A4 folder (lever arch best) - Named and labelled with subject/topic
- 🌐 Folder Dividers
- 🌐 Clear 30cm ruler
- 🌐 Scientific calculator
- 🌐 Pencil & rubber
- 🌐 Coloured pencils/highlighters, fine line pens
- 🌐 Academic planner/diary
- 🌐 Environmental Science text book



Throughout the course you will get opportunities to carry out fieldwork, and laboratory practicals. It is also recommended that you have appropriate outdoor clothing and footwear as fieldwork will be undertaken during the colder months. You will be given more information in due course.

To be successful and achieve your full potential at A level, you will be expected to engage with a **minimum of 5 hours** of independent study *per subject, per week*. For Environmental Science, this could be in the form of set homework (e.g research, finishing off tasks or preparing for the next lesson), watching a relevant documentary, reading a subject specific publication or news article, listening to a podcast, or reviewing, revising and preparing revision resources from your notes for example.

Homework and independent study (IS) tasks will be set via the Teams platform. You are required to check this **daily** for assignments and messages from your Lecturers. The *General Chat* function will be used for communicating course news and announcements, and for posting useful links related to the course content. Your teacher will post useful course resources in the *Files* area of the Team so check regularly for these too.

If you have any questions in the meantime, please do not hesitate to contact either of us on the email addresses below.

All the best and we look forward to seeing you in September,

Mrs Stephenson - Stephenson.l@myton.co.uk