

# environmental science

A Level Preparation Pack



STEP UP TO  
SIXTH FORM

## What is Environmental Science?



We look forward to welcoming you to the College. We have an experienced team who will help you every step of the way on your A Level journey. To aid you in your transition to sixth form, we have collated a range of resources that will get you thinking about some key environmental issues. We hope you find these interesting and they confirm your decision that Environmental Science is the right course for you!

**The Environmental Science A Level covers the following key subject content:**

- The Living Environment
- The Physical Environment
- Energy Resources
- Pollution
- Biological Resources
- Sustainability
- Research Methods

## Videos



### Environmental Documentaries

- Before the Flood <https://www.youtube.com/watch?v=zbEnOYtsXHA>
- Chasing Coral <https://www.youtube.com/watch?v=aGGBGcjdjXA>
- Seaspiracy (available on Netflix)
- Kiss the Ground (available on Netflix)
- Down to Earth with Zac Efron (available on Netflix)

### Our Planet – Documentary Series

- Coastal Seas <https://www.youtube.com/watch?v=r9PeYPHdpNo>
- Frozen Worlds <https://www.youtube.com/watch?v=cTQ3Ko9ZKg8>
- From Deserts to Grasslands [https://www.youtube.com/watch?v=XmtXC\\_n6X6Q](https://www.youtube.com/watch?v=XmtXC_n6X6Q)
- Forests <https://www.youtube.com/watch?v=JkaxUblCGz0>
- Jungles <https://www.youtube.com/watch?v=um2Q9aUecy0>
- Fresh Water <https://www.youtube.com/watch?v=R2DU85qLfJQ>
- One Planet <https://www.youtube.com/watch?v=GfO-3Oir-qM>

## Activities

### A Life on Our Planet <https://www.youtube.com/watch?v=INDkyyGYto8>

While watching the documentary, think of the following and try answering these questions:

- Why is important that the earth is home to a rich and diverse array of life/wildlife?
- What are some of the key threats posed to life/wildlife on the planet?
- What are some of the key solutions to the threats posed to life/wildlife on the planet?
- Can one person make a difference?

## Podcasts

- Costing the Earth <https://www.bbc.co.uk/programmes/b006r4wn>
- Sustainababble - <https://www.sustainababble.fish>
- Outrage and Optimism <https://www.outrageandoptimism.org/>

## Suggested Reading

### Course text book

- Environmental Science (AS/A Level) – Richard Genn

### Recommended wider reading

- No One is Too Small to Make a Difference – Greta Thunberg
- A Life on Our Planet – David Attenborough
- Silent Spring – Rachel Carson
- The Ecology Book: Big Ideas Simply Explained
- Any of the 'Green Ideas' short texts from Penguin books

### Magazines/Newspapers

- BBC Wildlife Magazine (subscription required)
- The Environment – CIWEM (subscription required)
- The Guardian Newspaper Environment - <https://www.theguardian.com/uk/environment>

## Course Specifications

### A Level Environmental Science - AQA:

<https://filestore.aqa.org.uk/resources/science/specifications/AQA-7447-SP-2017.PDF>