

## Subject: Environmental Science (AQA)

**Subject Leader:** Ms Walker

**Contact email address:** a.walker@cns-school.org

### This course covers the following key topics:

The course includes key concepts in both the biological and physical environment.

Year 12 topics include ecology, conservation, the atmosphere, lithosphere (soils) hydrosphere (water) the circular economy and energy.

Year 13 topics include pollution, fishing, farming, forestry and sustainability.

The course will also develop your mathematical and practical skills.

At least 15% of examination questions will assess practical skills in Environmental Science. Students complete a minimum of 12 laboratory-based investigations and between 2 to 4 days of field work outside of CNS grounds. Historically, for example, we have visited the North Norfolk Coast to study salt marsh communities and conservation, the River Glaven to assess pollution and invertebrate diversity and the UEA broad to study bat populations in the early evening.

### We love teaching this course because

Environmental Science is a highly relevant interdisciplinary science option. It's ideal study for anyone interested in contemporary environmental issues and sustainability.

We enjoy teaching environmental science as it's the application of science to the real world. We look at environmental events that are happening right now and at the impact of everything we do. Our students are highly engaged in the lessons and motivated to both succeed in their studies and make a difference to the world in which we live. They ask questions, share their own knowledge and seek solutions to environmental issues. This makes lessons very enjoyable learning spaces.

### Our students say:

"Really inspiring subject"

"Mixes science, ethics and human experience"

"My favourite subject. I love the practical"



### What future pathways are open to me if I study Environmental Science?

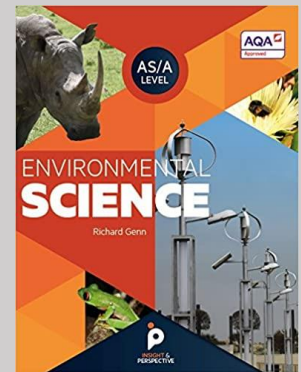
Ecology, Conservation, Marine Biology, Environmental Engineering, Geoscience, Water Quality Scientist, Environmental Consultancy, Environmental Education, Oil and Gas industry, Recycling officer, Fisheries science...

CNS 6<sup>th</sup> Form



An Ormiston Academy

### Recommended Textbooks:



### Environmental Science

by Richard Genn

ISBN-13 : 978-1912190072

### If you love Environmental Science, we really recommend you watch:

- 1) David Attenborough: A life on our planet. Netflix
- 2) Podcast: BBC 'costing the Earth'