IGCSE Environmental Management

Two-year course 2025-2027

Environmental Management is the study of Earth systems, how humans depend on and impact these systems and understanding how to more effectively manage people and the environment.

This hugely varied syllabus deals with a wide range of human-environment interactions from the function of ecosystems to mining operations. This course teaches the updated 2027-2029 syllabus, for exams from 2027 onwards

This course involves a range of scientific knowledge and skills including the use of graphs and scientific diagrams and practical fieldwork investigations. In a world of increasing environmental challenges, understanding how the planet works, and our role in it, has never been more important!

About the non-intensive course

- This two-year non-intensive course is designed for younger students, those managing other commitments or those who would simply like to take a slower approach to completing Cambridge IGCSE Environmental Management
- Full syllabus taught over the two-year course
- Assessed homework every two weeks
- Full student support
- Classes during UK term times
- All classes recorded and stored online for one year following end of course.
- Exam skills and tests throughout leading to full mock exams.

About the 2027-29 syllabus

The existing EM syllabus will be familiar to learners but from 2027 onwards exams will assess the updated content from the 2027-2029 syllabus.

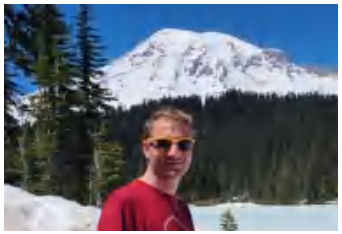
The new syllabus follows the same major themes as the existing courses but in a slightly restructured fashion. For those of you who have been studying already, much of the content will be familiar

It also includes some emerging environmental challenges and increased focuson practical skills and scientific investigation.

For those of you who have already been studying Environmental Management, you don't need to start from scratch - there are just some more elements you will need to add!

Your tutor

- I’m Damian and I teach all the classes at Earthlings Learning.
- I began my career in education teaching English as a foreign language, where I taught students of all ages and abilities for ten years in various different countries in Asia and Europe.
- I decided to pursue my life-long interest in the environment by completing an MSc in Environmental Management in 2018 and started off Earthlings in 2021 to help bring this knowledge and enthusiasm to other people who want to learn about it.
- I’m an amateur ecologist and general nature nerd, investigating ecosystems and human societies whenever I can!
- I enjoy all sorts of weird and wacky natural things and host classes with an informed but informal enthusiastic style. I like to travel to see some of the things we talk about in class first-hand and bring these experiences to the classroom.



Course details

Course Length:	Two-year course September 2025 - June 2026 September 2026 - May 2027
Lesson length:	50 minutes per class
Lesson time:	Thursdays 1pm-1.50pm (UK time)
Start date:	Thursday September 11th 2025
Course price:	£25/month (£250 for year one) (£225 for year two)
Class size:	Maximum 12 students
Exam board:	Cambridge
Course code:	**0680**
Assessment:	Written assessment - two 1hr 45 min papers

General Course Information

- This two-year course is complete programme for students to sit the Environmental Management exam but is also suitable for those just wanting to learn more about the planet or widen their knowledge at a slower pace than an intensive course of study.
- Homework is given every other lesson. While homework is not mandatory but it's really important for consolidating knowledge and helping me assess progress. Failure to complete homework may result in a lower grade.
- There are a range of partial and full mock exams throughout the course, with work on exam skills including work with graphs and answering essay-style questions
- Participation is optional. Students may engage as little or as much as they are comfortable with. Engagement with groupworking tasks is excellent practice, and engagement from students helps me with the class dynamic but it is at all times optional.
- Special Education Needs are more than welcome! We're all different and have different learning styles. Having ADHD myself I understand some of the challenges this can bring!
- CONTENT WARNING - As a GCSE this course is designed for students aged 14 and over. Younger students are welcome but should be aware of some mature content in this course. Studying natural disasters involves death and disruption to human communities and wildlife. Climate change and biodiversity loss can cause some anxiety. The human population module involves discussion of reproduction and population management. These topics are approached in a lighthearted and impartial manner but sensitive students should be prepared examining some of these issues.

Modules of study - unit breakdown	
Unit 1: Natural Resources	• Formation of rocks • Extraction and management of mineral resources • Use and management of energy resources
Unit 2: Land	• Soils and crop growth • Food production and crop yield • Soil erosion
Unit 3: Water	• Water sources and supply • Water pollution and disease • Plastic and oil pollution • Marine aquaculture
Unit 4: Atmosphere and human activities	• Atmospheric composition • Climate change • Acid rain and ozone depletion
Unit 5: Ecosystems, biodiversity and fieldwork	• Ecosystem processes • Forest ecosystems • Managing biodiversity and fieldwork
Unit 6: Natural hazards	• Earthquakes and volcanoes • Tropical storms • Flooding and drought
Unit 7: Human population	• Population density, distribution and structure • Managing human populations

Further information

Required skills	• This IGCSE requires an interest in the world around us and the management of our environment and resources. This broad syllabus covering aspects of geography, sociology, chemistry and biology so everyone studying it has their own strengths and weaknesses. • No existing knowledge of biology, chemistry or geography or the sciences is required however some maths and English skills are extremely helpful. An enquiring mind and the enthusiasm to learn are by far the most important things!
Required equipment	• Students require a device to join Zoom meetings. A microphone and camera is an advantage when participating and for completing formal mock exams. • All students must have a way of submitting completed homework. Full guidance on formatting and submitting homework can be found in the "Homework guidance" doc. • A printer is needed when not completing exams and homework digitally. • No further equipment is required although calculators should be used in the final exam.
Textbook	• There is one required textbook for this course: **TBC: Updated textbook incoming!**
Additional study	• Attending lessons and completing homework is sufficient to pass the course however approximately one hour's additional study per week is advised. • Additional study, including reading, watching documentaries and note-taking is extremely important for retaining knowledge and attaining higher grades. • Any opportunity to visit natural and human environments can be invaluable in connecting learning to real-world processes and features.
How parents can help	• Please be ready to encourage your child to keep ordered notes and files. • As I can't enforce homework and it is difficult to track students' progress without recieving this - parents are advised to monitor completion of homework as much they feel necessary depending on their child's learning style and willingness. • Encouraging students to explain processes and theories to you can be helpful. • Any visits to human or natural environments can be useful. Keeping an eye out in daily life for the things we discuss in class is an invaluable way of bringing the course to life!