



ClimateScience

Teaching Solutions to Climate Change.

Bringing positive solutions-focused climate education to students



Climate Science is a charity registered in England & Wales under charity number 1190993.

www.climate-science.com

Scientific and fun.



Research
Papers



News & Blogs



Climate
Science

	Research Papers	News & Blogs	Climate Science
Reliable?	✓	✗	✓
Accessible?	✗	✓	✓
Entertaining?	✗	✓	✓

Our content

We create **free-to-use** digital learning resources on **solutions** to climate change.

Often used in:

- English classes
- Natural Sciences
- Extra-curricular subjects
- Online learning during COVID-19.



Explained visually with our character **Earthly**

- Covering basic concepts
- Going all the way to complex cutting-edge topics
- All made easy to understand with seamless transitions from basics to detailed knowledge

Forms Of Energy



Kinetic
Energy

Chemical
Potential

Thermal
Energy




Gravitational
Potential



Electrical
Energy











Online courses – Website (age 13+)

Courses Community About Donate Sign Up →

Food & Farming

Choose level of difficulty

Simple Advanced

-  Food & Climate >
-  Feeding 10 Billion People >
-  Selective Breeding >
-  Genetic Engineering (GMOs) >
-  Making Meat >
-  Fishing & Aquaculture >
-  Meat without Animals? >
-  Food Waste >
-  Urban farming >
-  Open Problems >

Agroforestry

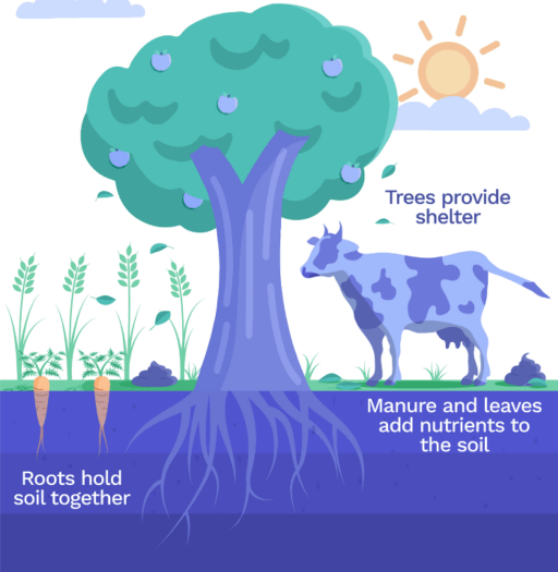


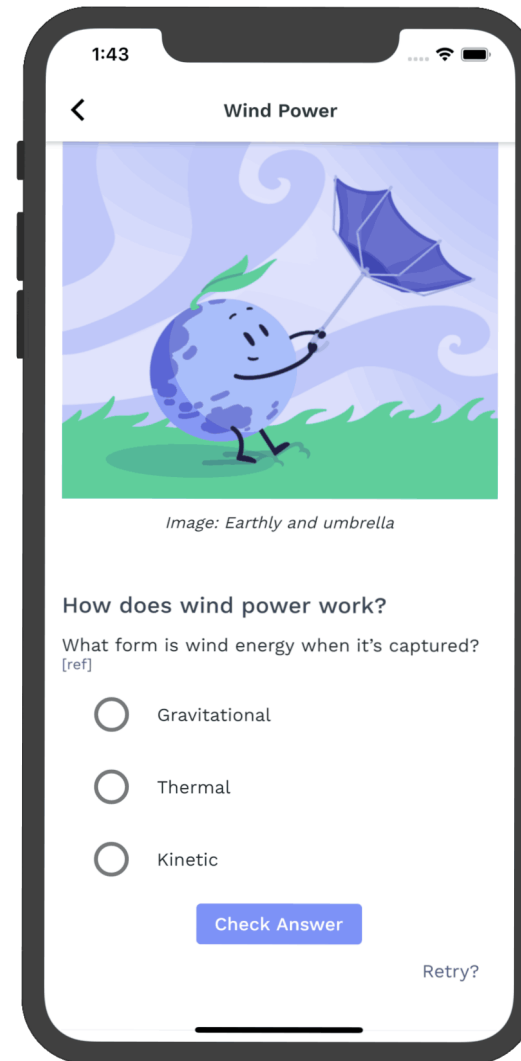
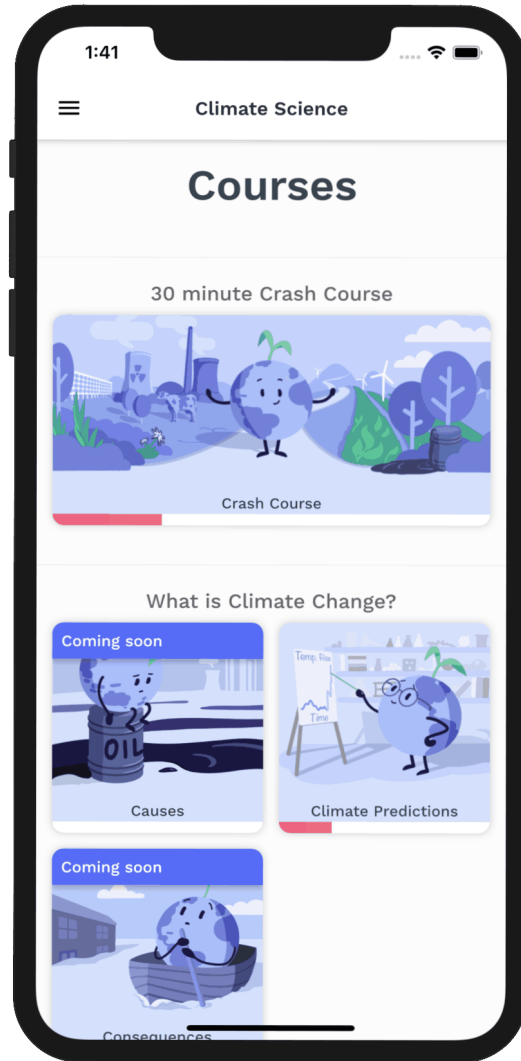
Image: Agroforestry

The trees themselves store a significant amount of carbon in their wood and roots^[1]. What's more, by increasing soil quality they also increase its ability to absorb CO₂ from the atmosphere^[2]!

When different crops are grown on the same land, pests and diseases are less likely to damage crops^[3].

Some plants can protect crops from pests by chemical signalling^[4]. This can really work wonders. In eastern and southern Africa, stemborer caterpillars cause maize yield reductions of up to 80%^[5]!

Online courses – iOS & Android App (age 13+)



Children's books

Earthly is ill with climate change and looks for a cure.

- Designed for kids aged 5+.
- 10 books, 10 topics. Climate, Energy, Agriculture, Global Equity, and more.
- Designed with schools and parents in mind.
- First book at:
[Climate-science.com/children](https://climate-science.com/children)



Sample double-spread page

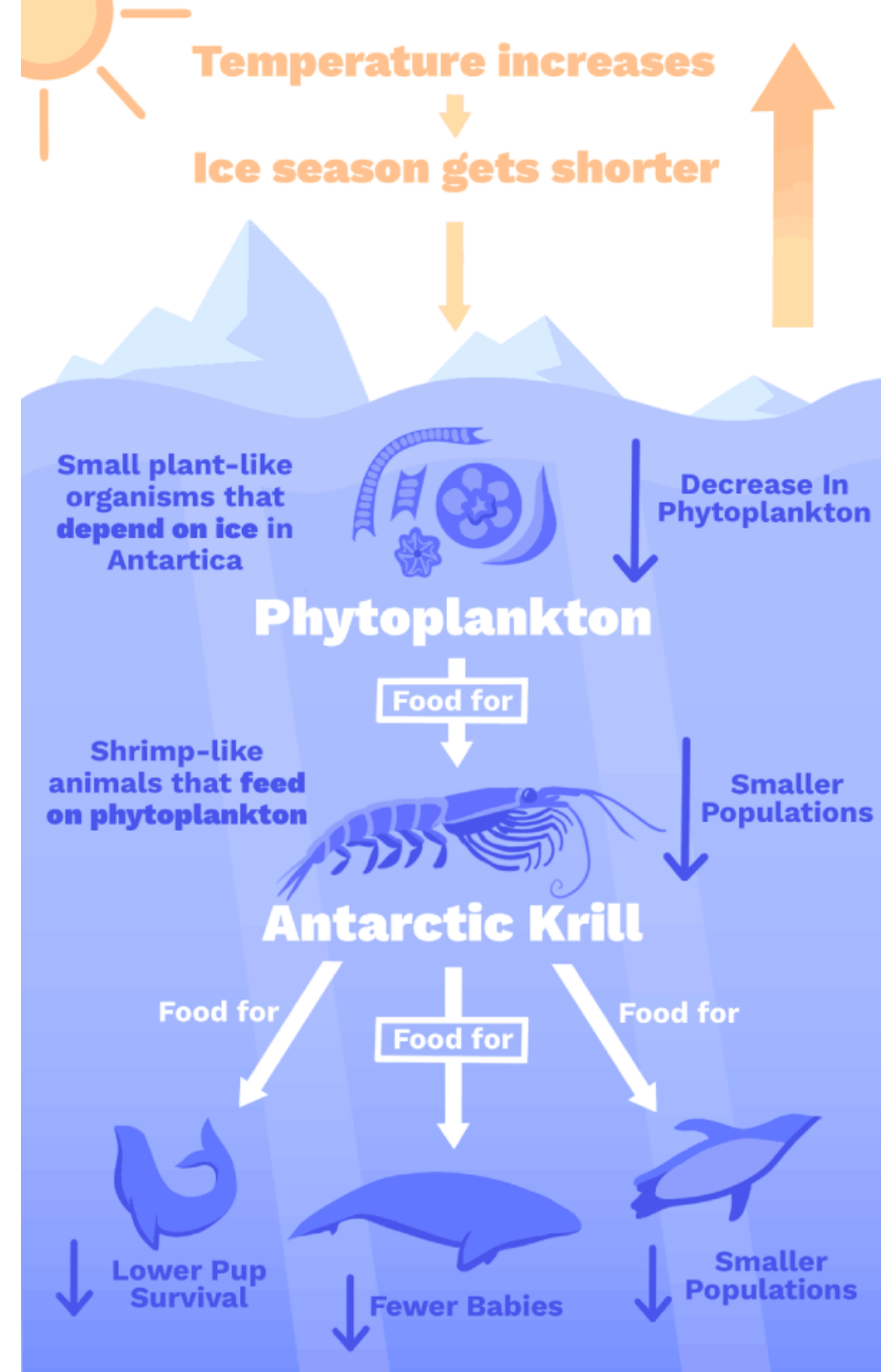


“They found a way to make **energy** using the remains of animals and plants that had died **millions** of years before. These are called **fossil fuels**,” answered the doctor.

“These fuels could power **MACHINES** which helped them build and move **faster** than ever before. However, the fuels also released lots of nasty **GASES** into Earthly’s **ATMOSPHERE**.”

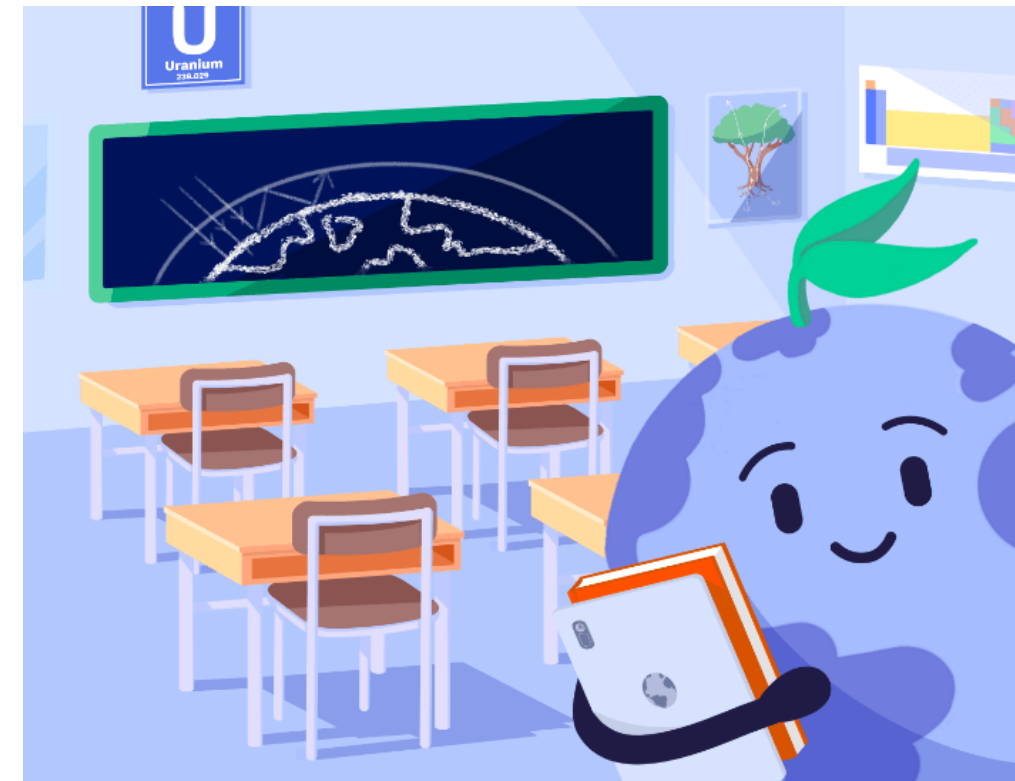
We make all our content, including graphics, ourselves.

- Illustrations are created by 1 fulltime employee and 20 volunteers.
- 1,200+ illustrations when all is finished.
- Content centered around visual story-telling.
- Will be translated to many languages.



We are creating **ClimateScience for Schools** and want your feedback.

1. Short learning projects led by the teacher
 - Students choose a topic, learn about it for 25 minutes, prepare a presentation at home, and then each group get 5 minutes to present.
2. Teacher training
 - Short videos for teachers on how to teach climate change effectively within the curriculum
3. Children's books for primary schools
4. Student communities
 - for those students who want to go further



Who we are

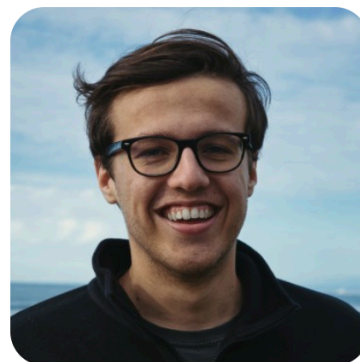
141 volunteers from 29 countries as of September 2020.

Our dedicated leadership team are from a diverse range of backgrounds, spanning natural sciences, technology, and business, and includes alumnae of the University of Cambridge, Oxford, and Harvard.

Learn more at climate-science.com/about



Eric Steinberger
CEO & Co-Founder



Joseph Chotard
Chief Technology Officer



Christian Zauner
Head of Strategy



Pandora Dewan
Content Co-Director



JP Arellano
Content Co-Director



Mairenn Collins
Content Co-Director



Steffi Tan
Head of Illustration & Science
Illustration Artist



Joel Chan
Director of Community Programs



Michael Bäcklund
Director of Global Community



Ghislaine Fandel
Director of Community Engagement



Kami Krista
Head of Translation



Faith Marufu
Chief Information Officer



ClimateScience



Contact Us!

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Advisors & partners



Prof. Emily Shuckburgh
Climate Scientist, University of Cambridge

Experience: Director, Cambridge Zero; Associate Fellow, Centre for Science & Policy Cambridge; Reader at Environmental Data Science University of Cambridge; Fellow & Co-chair at Royal Meteorological Society; Advisor at UK Government.



Prof. Nathalie Seddon
Professor of Biodiversity, University of Oxford

Experience: Professor of Biodiversity, University of Oxford; Senior Associate of the International Institute for Environment and Development; Senior Fellow of the Oxford Martin School. Founder & Director of Nature-based Solutions Initiative.



David Addison
Working with others towards a safe and just Sapiezoic

Experience: Advisor: Carbon180 since 2015; Nori since 2017; the 2017 best-selling book DRAWDOWN. Volunteer: Carbon Removal Centre; German Energy Agency's Startup Energy Transition Award Jury; former Vice Chair of Student Energy. Education: BSc Geography; MSc Environmental Technology specialising in Energy Policy. Work: carbon removal, climate action, innovation and sustainability at Virgin Group.