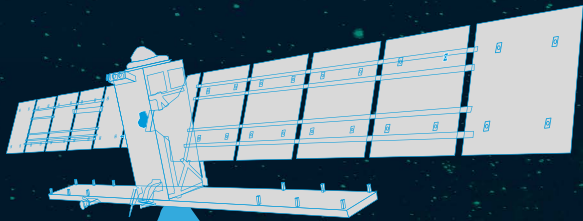


→ PARENTS NEED SPACE SOLUTIONS - CLIMATE EDITION

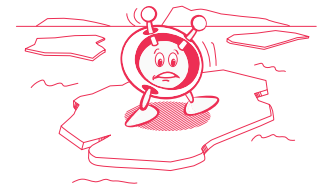
Become a climate scientist and find out how we keep an eye on Earth from space!



→ WEEK 5

UNDER 6

- Let's look after our planet! See Earth from space when Paxi meets astronaut Mark Vande during a [View of the Earth](#) from the ISS.
- Paxi says 'no' to space junk and lends a helping hand by zooming around in a [Space Cleanup](#).
- [Paxi Fun Book](#) - the best activity book on the planet!



AGES 6-12

- [The ice is melting!](#) While 10% of the Earth's surface is covered in ice, there have been 'ice ages' in history where the Earth's temperature has dropped so that ice covers more of its surface. Earth's current temperature is increasing, but this time the change is due to human activity. Learn about the difference between land ice and sea ice in this fun experiment.



- [Earth under the lid - Understanding the greenhouse effect](#)

What is the greenhouse effect? How does it makes human life possible on Earth? Try out this experiment with Paxi where you'll learn about the greenhouse gases and what happens when they increase. Discover what we have in common with our sister planet, Venus.



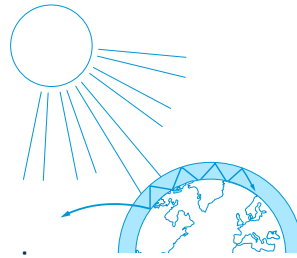
→ PARENTS NEED SPACE SOLUTIONS - CLIMATE EDITION

→ WEEK 5

AGES 12 AND UP

- [The greenhouse effect and its consequences](#) -

Investigate global warming by analysing satellite images showing the Earth's CO2 levels in different time periods. Explore some of the consequences of an increased greenhouse effect.



- [Sea Ice from Space](#) - Explore Arctic sea ice and its connection to climate. Try a hands-on activity to find out what happens 'when the ocean freezes'. You'll learn where in the world you can find sea ice and analyse up-to-date satellite data about sea-ice concentration in the Arctic. This is real climate scientist stuff!



- [#SpaceCodingChallenges](#)

Become a coding whizz and develop games guiding Paxi around the galaxy. No prior programming experience is necessary. You'll learn how to import images, how to move your hero, add gravity and make your hero jump; as well as moving objects and keeping score.



TAKE THE CLIMATE CHALLENGE!

- [Climate Detectives @ home](#) - From Space, astronauts and satellites can see both the beauty and the fragility of our planet. You can also observe Earth from home and work like a real earth scientist. Help ESA make a difference in understanding and protecting Earth's climate.



→ GET MOVING!

- [Space Rock-n-Roll](#) In this astronaut-friendly exercise you will perform somersaults on a mat. This will lead to some trickier somersaults through a hula hoop! Test yourself to see how many space flips you can achieve.

