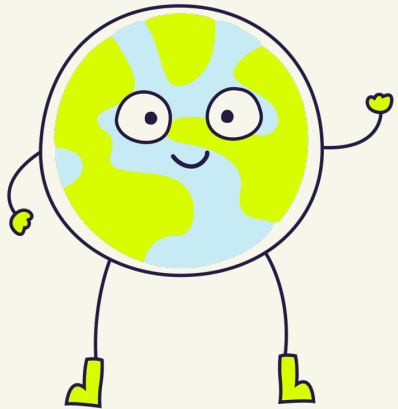


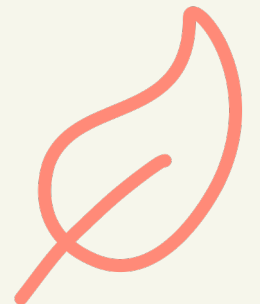
Young Climate Warriors



How did the Pulses
Challenge go?

What pulses did you find in
your cupboard?

What adventurous meals
containing pulses did you try?



'The future of life on Earth depends on our ability to see the sacred where others see only the common.'

John Denver, 1991; singer-songwriter

Awe-inspiring patterns in nature ...

How many different patterns can you doodle – find the back of an old envelope and give it a try?

Spiralling ferns, polygonal spiders webs, wave patterns on shells, heart-shaped clover leaves, fractals through a sliced cabbage ... teardrop shaped rose petals. Our planet is incredible!

Your challenge this summer is to see how many shapes and patterns you can see in nature – take photos, make sketches, doodle the patterns.

And maybe create your own patterns from leaves, twigs, pinecones, shells, petals ...

Summer
holiday
challenge!



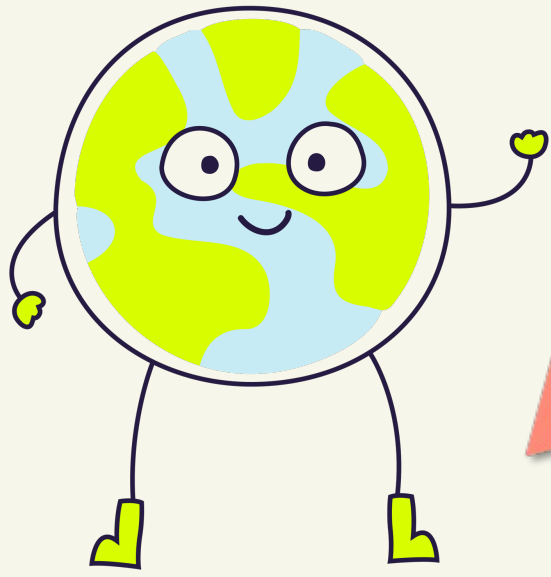
 **YOUNG
CLIMATE
WARRIORS**

When you've completed this challenge ... Remember to hit the red button!



- Rainforest 'music' patterns help detect illegal deforestation BEFORE it happens – [The Rainforest Connection project](#). Deforestation is responsible for 10–15% of global carbon emissions.
- Patterns in Antarctic ice cores reveal historical data about atmospheric carbon dioxide levels – currently they are at their highest for 800,000 years. Check out [this British Antarctic Ice Core Scientist](#) explaining how they drill for ice cores.
- Nature is incredible. Restoring and protecting it is one of the greatest strategies for tackling climate change. From absorbing carbon, to forests, wetlands and other ecosystems acting as buffers against extreme weather.





DISCOVER
NATURE'S HIDDEN
DESIGNS!

Look out for shapes
and patterns in nature
this summer, or
create your own!



Things to think about

How do you think patterns in nature can help scientists?

What do we learn when we look at the number of rings in a tree trunk?

Palaeoclimatologists (scientists who study Earth's past climate) look at ice core rings to find out how much carbon dioxide there was in our atmosphere millions of years ago.

How many different shapes and patterns can you think of?

Do you think you could find them in nature? Start looking and see what you find! Here's a [checklist](#) if you need a hand!

Be Inspired!

Check out these stunning creations by British sculptor [Andy Goldsworthy](#).

In this [BBC Bitesize video](#), he demonstrates how he creates temporary artwork.

