

# Our Goldilocks planet



Not too hot and not too cold

The thin blue line is our atmosphere as seen from space



*And it is very thin indeed*






Every day we pump 110 million  
tons of polluting gases into the  
atmosphere

85% of world energy generation comes  
from fossil sources

Stored energy in the atmosphere is  
equivalent to **400,000 Hiroshima style**  
bombs exploding **every single day**

A view of Earth from space, showing the thin blue atmosphere and the sun's glow. The Earth's surface is visible, with green landmasses and blue oceans. The sun is positioned in the upper left, creating a bright glow and lens flare effect. The background is a dark, starry space.

All life on earth is supported by  
this thin blue skin

And the oceans beneath it

A large, fluffy white cumulus cloud against a clear blue sky. The cloud is the central focus, with its soft, billowing edges and bright white color contrasting sharply with the deep blue of the sky. The lighting is bright, suggesting a sunny day.

We depend upon the water held in  
our clouds and in the seas

This cloud contains thousands of tons of water. Yet our  
atmosphere holds less than 4% of water vapour

But 71% of the Earth's surface is covered by water, and the oceans hold 96.5% of the Earth's water



There are a lot of satellites up there...



# Our blue Goldilocks planet...



Atmosphere	Mars	Venus	Earth
Nitrogen	2.70%	3.50%	78%
Oxygen	0.13%	Trace	21%
Argon	1.60%	0.01%	0.90%
Carbon dioxide	95%	96.50%	0.04%
Water vapour	?	Nil	0.1 - 4.0%
Methane	Nil	Nil	0.002%
Trace gases			<5ppm

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Where would YOU rather live?