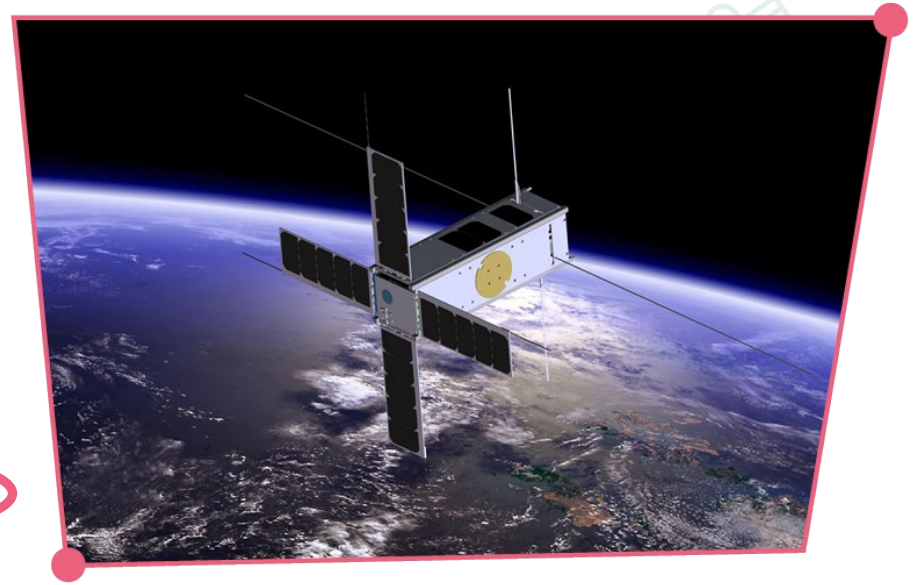
Test your knowledge!

Question 1:

What is a satellite?

- A moon
- A planet
- A machine that orbits in space



Question 2:

Roughly, how many satellites are currently orbiting in space? (active and inactive)

- 3,500
- 6,500
- 9,500

Question 3:

From what you have learned, what is the important mission of satellites used in space?

- To collect data that can be used to protect our planet from climate change
- To take astronauts into space
- To check for aliens on Earth

Question 4:

Name some of the consequences of climate change

- Rising temperatures and seas
- Melting ice and warming oceans
- Drought, storms, fire and flooding
- All of the above

Question 5:

What 2 of these things are absorbed by our oceans which lead to rising ocean temperatures?

- Heat
- Carbon dioxide
- Pollution

Question 6:

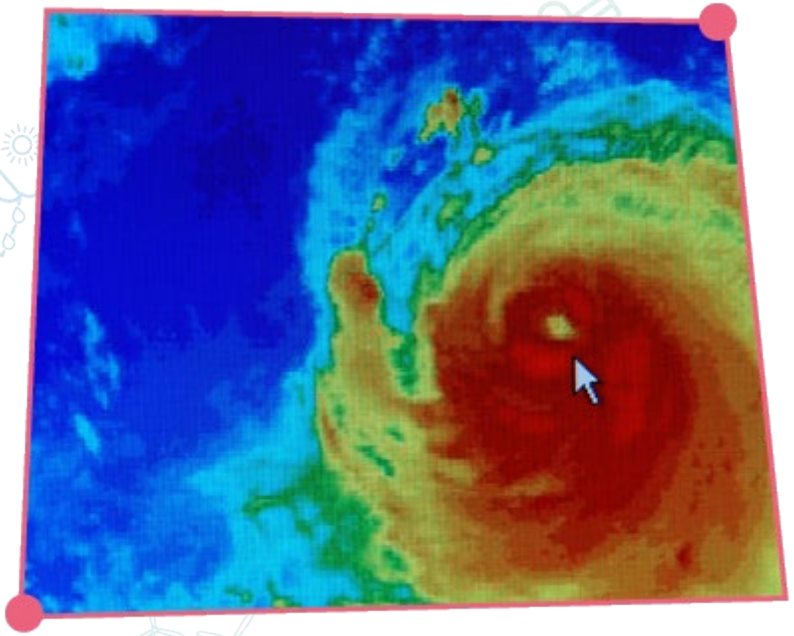
What is surrounding our planet causing extra heat?

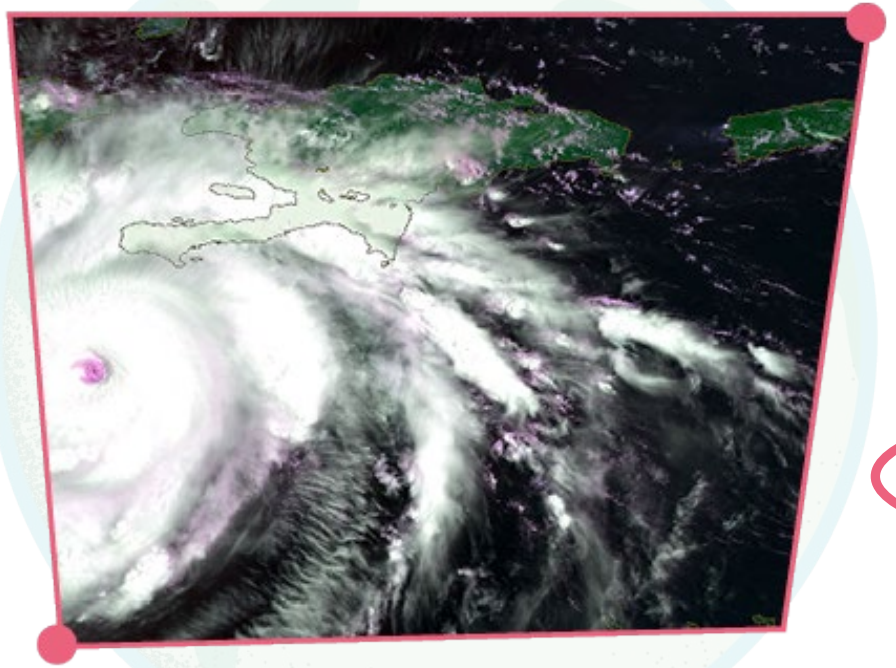
- A large number of greenhouse gases
- The moon
- Other planets

Question 7:

Name an example of extreme weather events that satellites can help predict

- Hurricanes
- Snow storms
- Tropical storms
- All of the above





Question 8:

What is a hurricane?

- A thunderstorm
- A large rotating storm with high winds that forms over water in tropical areas
- A storm with hail

Question 9:

What are the effects of a hurricane?

- Strong winds
- Flooding
- Heavy rain
- All of the above

Question 10:

What is the difference between weather and climate?

- Weather is the short-term conditions of a place. Climate refers to the average daily weather over a long time
- Climate is the short-term conditions of a place. Weather refers to the average daily weather over a long time
- There is no difference

Question 11:

Which is the correct order of the eight planets of our solar system

- Venus, Earth, Mercury, Mars, Saturn, Uranus, Jupiter, Neptune
- Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune
- Mercury, Mars, Venus, Earth, Jupiter, Neptune, Saturn, Uranus

Question 12:

What specific roles do small satellites play in addressing climate change?

A. Help measure the temperature on different planets and can help inform our knowledge of the Earth's changing climate.
B. Help predict and prepare for extreme weather events
C. Help investigate the effects of climate change
D. All of the above

The results are in!

Tally up your right answers and see if you're ready to enter Logo Lift Off…

Your score: 0-4/12
Initiating

You're on your way! Logo Lift Off activities will help you learn more about the role of small satellites. You'll need to answer the judges questions about this when you enter.

Your score: 5-8/12
Counting down

Almost there! Why not check if you can answer the entry form questions already . If not, try another activity to learn more about small satellites.

Your score: 9-12/12
Go for launch!

Congratulations!
You're ready to enter now!
Good luck.

Bonus Question 13:

(this one is optional, and you need to write your answer):

Why is it necessary to use small satellites to track and understand the effects of climate change?

To be prepared for the future and attempt to avoid further damage to our world.