

# The Sun, our Own Star & its neighbors

Collaborative presentation

1<sup>st</sup> Primary School of Oreokastro, Greece

Kalkara Primary, Malta

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# THE SUN







What is the sun made of?

**The sun is made of hot gasses.**

by Paraskevi, Konstantinos N, Giannis P., Nikoleta, Giorgos T.

# Why is it called a star?

- it lights up everywhere by Emma

- it is very big by Ginevra

- it makes its own light  
Matthias

by

# What colour is the sun?

The sun appears white from space and yellow from Earth.

by Paraskevi, Konstantinos N, Giannis P., Nikoleta, Giorgos T.



# What is the shape of the Sun?

round

sphere

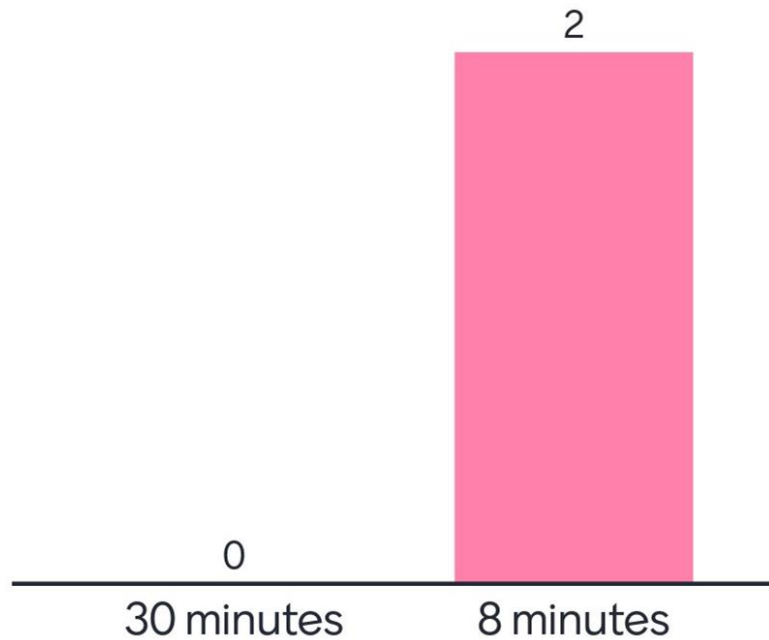
a ball of fire

circle

a sphere

the sun is a circle

# How much time does it take for the sunlight to reach the earth?



Yes, when light leaves the surface of the sun, it takes 8 minutes to reach Earth - it's really fast!!!

# What is solar wind?

**The solar wind is small particles that fly from the Sun into space.**

by Paraskevi, Konstantinos N, Giannis P., Nikoleta, Giorgos T.





# Why is the sun important to us?

heat

Without the sun, earth will be dark and frozen

makes us wake up, we love the sun. it gives light

for the life of all living beings

by Shaiel, Isaac, Ginevra, Victoria



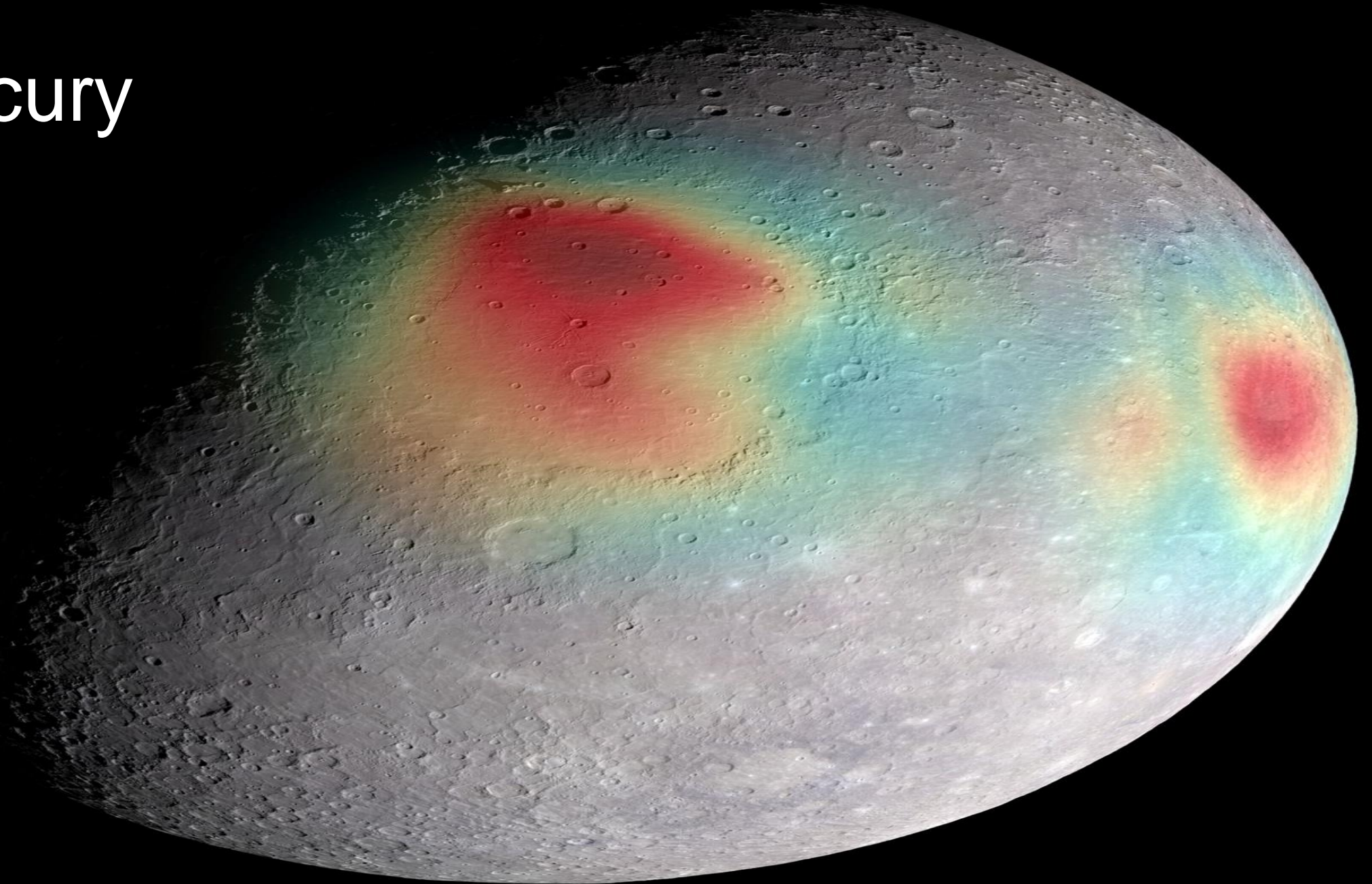
How do we protect our eyes and skin from the sun's radiation?

**The sun's rays are very, very strong and can burn our skin. That's why we wear sunglasses and sunscreen.**

by Paraskevi, Konstantinos N, Giannis P., Nikoleta, Giorgos T.



# Mercury





What is the surface of Mercury like? Is it the hottest planet of our solar system?



**Mercury has craters and huge ravines, which are made of meteorites that fall hard on Mercury.**

**While it is the closest planet to the Sun, it is not the warmest. It has 430 degrees in the morning and -180 degrees at night.**

**Paraskevi, Konstantinos N, Giannis P., Nikoleta,**

# What is Mercury composed of? Does it have natural satellites or rings?

- It is made of heavy metals and rocks. by Matthias
- It is very dense. by Emma
- Mercury does not have moons and rings. by Ginevra



# What did the spacecraft Messenger show about Mercury?

The background image shows the MESSENGER spacecraft in orbit around the planet Mercury. The spacecraft is white with gold-colored thermal blankets and solar panels. Mercury is a large, brown, cratered sphere on the right side of the frame.

**Messenger showed that there is ice on Mercury**

**by Paraskevi, Konstantinos N, Giannis P., Nikoleta,  
Giorgos T.**



Venus



# What makes Venus different from other planets of the Solar System?

Venus is the only planet that rotates around itself backwards.

by Anastasia, Stella, Rafaelia, Panagiotis, Giorgos Ch.,  
Konstantinos L., Antonis, Persephoni



# Why is Venus called the Earth's sister planet?

- They have similar size...by Zylén
- and are made from the same material...by Martin
- and are the same weight.... by Shaiel





# What is the surface of Venus like?

The surface of Venus is covered with volcanoes and lava plains.

by Anastasia, Stella, Rafaelia, Panagiotis, Giorgos Ch.,  
Konstantinos L., Antonis, Persephoni



Earth





# How does Earth's distance from the sun affect life?

The Sun gives us life because we are near as well as far, because we are exactly where we need to be, to have both cold and heat. We are at a good distance.

by Anastasia, Stella, Rafaelia, Panagiotis, Giorgos Ch.,  
Konstantinos L., Antonis, Persephoni





# **What movements does earth do? How do they affect our planet?**

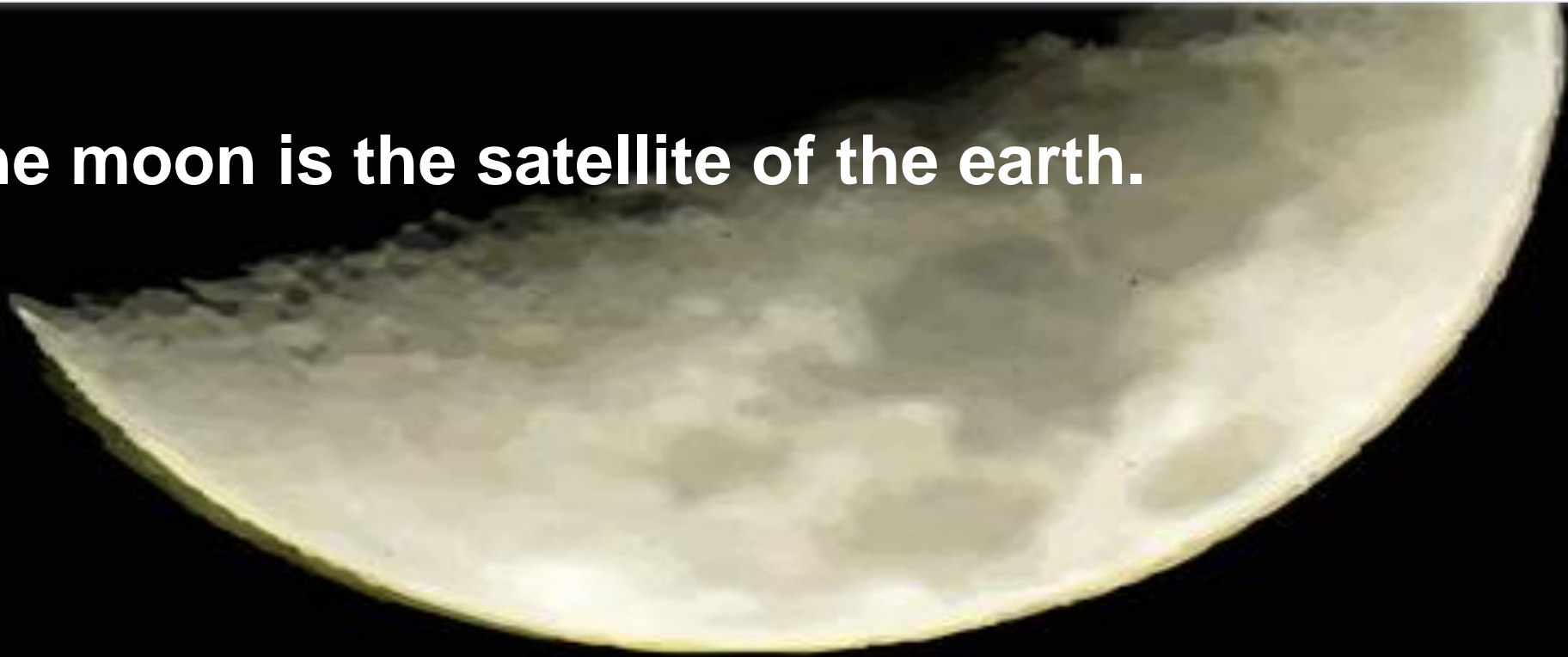
- **earth rotates on its own axis - so we have day and night...by Emma**
- **earth rotates round the sun - so we have seasons...by Ginevra**



# What is the moon?

**The moon is the satellite of the earth.**

**by Anastasia, Stella, Rafaelia, Panagiotis, Giorgos Ch.,  
Konstantinos L., Antonis, Persephoni**





# What is the surface of the earth covered by?

- **land ...by Aishian**
- **water ...by Victoria**





# What would happen if the earth was very far away from the sun?

- earth would be cold....by Isaac
- we will have no light....by Sienna
- earth would fly off into space....by Matthias





# What did people in ancient times believe about the shape of the earth?

The Earth is almost round. The ancients thought that the Earth was flat.

by Anastasia, Stella, Rafaelia, Panagiotis, Giorgos Ch.,  
Konstantinos L., Antonis, Persephoni



How many continents does Earth have?  
Name them

Europe

America

Asia

Africa

Australia





How many oceans are there on earth?  
Name them

**There are 5 oceans - Pacific, Atlantic, Indian, Southern and Arctic ocean**

**by Anastasia, Stella, Rafaelia, Panagiotis, Giorgos Ch., Konstantinos L., Antonis, Persephoni**