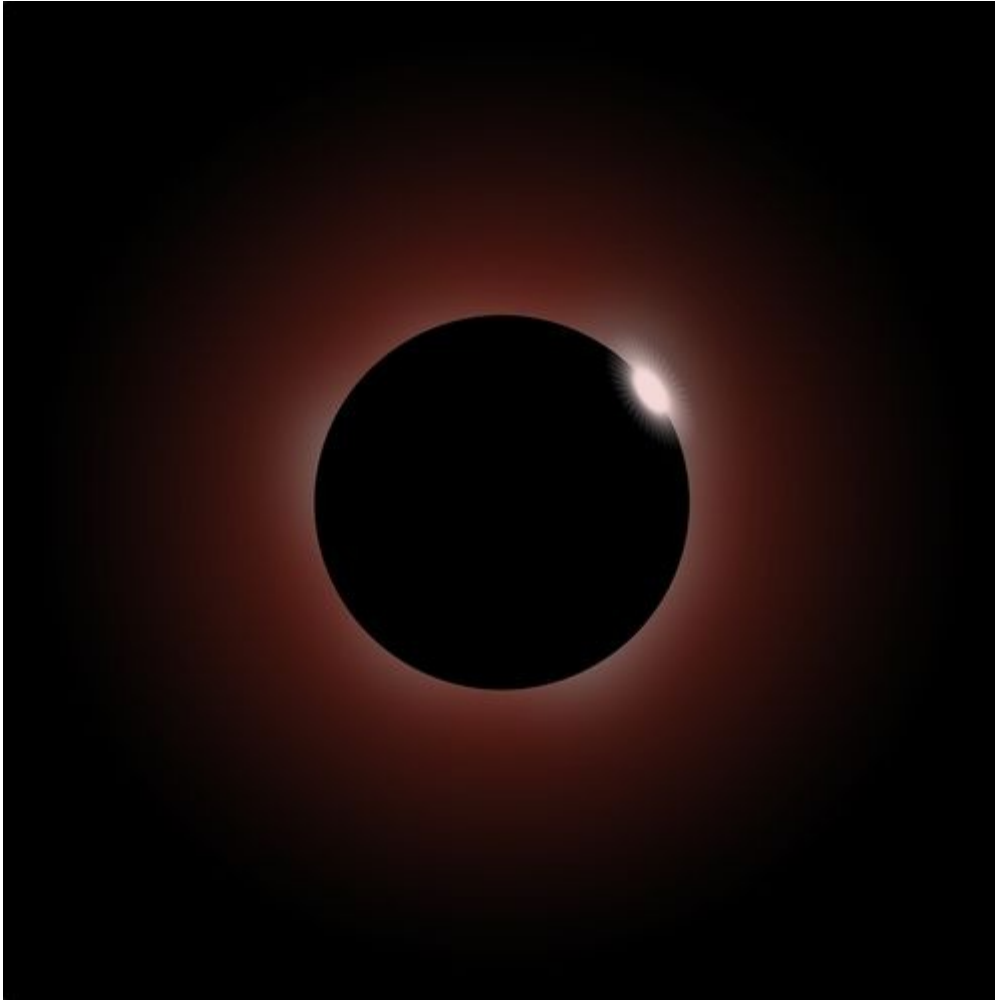


It's a Solar Eclipse!



A solar eclipse

Imagine you are enjoying some sunshine. Then, someone steps in front of you. They **block** the sun. Now, you are in their **shadow**. This is like what happens to the Earth during a solar eclipse!

The Earth moves in circles around the Sun. At the same time, the Moon moves around the Earth. Sometimes, the Moon passes between the Sun and Earth. When this happens, the Moon **blocks** the Sun's light from part of Earth. The Moon's **shadow** falls onto Earth. This is a solar eclipse!

There are different kinds of solar eclipses. One kind is a total solar eclipse, when the Moon fully covers the Sun. Another kind is a partial eclipse, when the Moon covers a part of the Sun. During both of these kinds, it looks like dusk or nighttime on part of Earth for a few minutes.

Solar eclipses do not happen much. So, many people get excited to see one! They go outside to see the sky get darker. They even wear special glasses to watch the Moon **block** the Sun. These special glasses keep their eyes **safe**. Even when the Sun is partly **blocked**, it can hurt people's eyes!

Would you want to see a solar eclipse?

Name: _____ Date: _____

1. What moves in circles around the Earth?

- A. the Sun
- B. the Moon
- C. the eclipse

2. Sometimes, the Moon passes between the Sun and Earth. What effect does this have?

- A. The Sun shines brighter on part of Earth.
- B. The Earth starts to circle the Moon.
- C. The Moon blocks the Sun's light from part of Earth.

3. Reading the following sentences.

"There are different kinds of solar eclipses. One kind is a total solar eclipse, when the Moon fully covers the Sun. Another kind is a partial eclipse, when the Moon covers a part of the Sun. During both of these kinds, it looks like dusk or nighttime on part of Earth for a few minutes."

What conclusion can you draw from this?

- A. When the Moon blocks light from the Sun, it can look like nighttime on Earth.
- B. Solar eclipses last for many hours and can make it look much brighter on Earth.
- C. There is only one type of solar eclipse that blocks light from Earth.

4. What is the text mostly about?

- A. what causes a solar eclipse, and what it's like on Earth during an eclipse
- B. how bright it is on Earth when the Sun is shining brightly
- C. what types of glasses people wear to keep themselves safe from a solar eclipse

5. What do people wear to protect their eyes from a solar eclipse?

People wear _____.

6. What did you learn from the text "It's a Solar Eclipse?"

7. Class Discussion Question: Based on the text, why might a solar eclipse be exciting to watch?

8. Draw what it might look like on Earth during a solar eclipse.