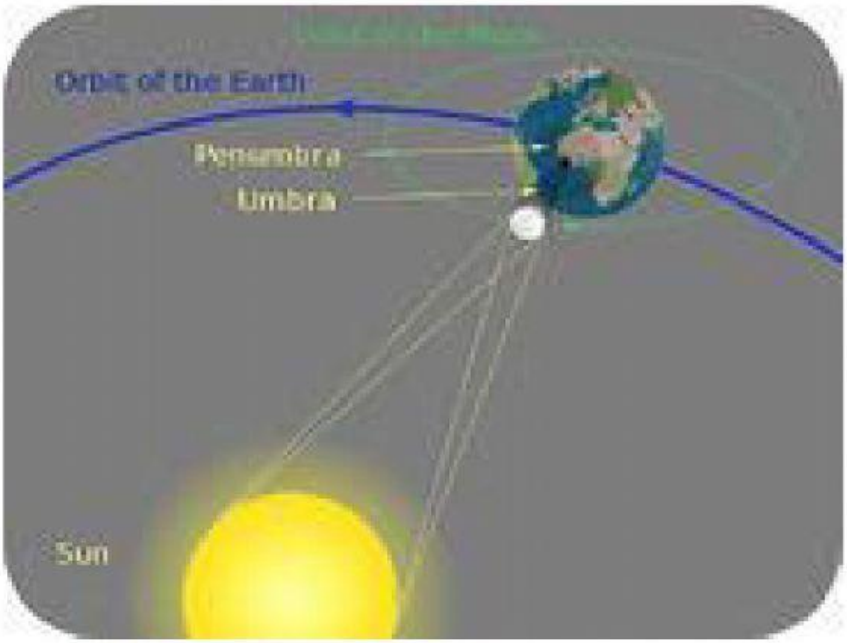
3.9 Solar Eclipses



LIVEWORKSHEETS

1. What happens during a solar eclipse? What happens during a total solar eclipse?\

2. What can scientists learn during total solar eclipses that they can't otherwise learn?

3. How do we know that the corona is hotter than the Sun's surface?

4. How did a total eclipse prove Einstein's general theory of relativity?

LIVEWORKSHEETS

5. What do you need to do to see a total eclipse? How long does it last?

6. What safety precautions do you need to follow before you view an eclipse?

7. When is the next total solar eclipse in North America?

LIVEWORKSHEETS

1. What is a solar eclipse?

2. What causes a solar eclipse?

3. What is the relationship of the umbra and the penumbra?

LIVEWORKSHEETS

1. What happens during a solar eclipse?

2. What happens during a lunar eclipse?

3. Why do we not see lunar eclipses every month?

4. About how often does a lunar eclipse take place?

LIVEWORKSHEETS

5. When does a lunar eclipse occur? When does a solar eclipse occur?

6. Why don't eclipses happen at every new and full moon?

7. What circumstances must be in place for there to be a lunar eclipse?

8. What is the name of the central part of Earth's shadow? What happens to the Moon when it is there and why?

LIVEWORKSHEETS