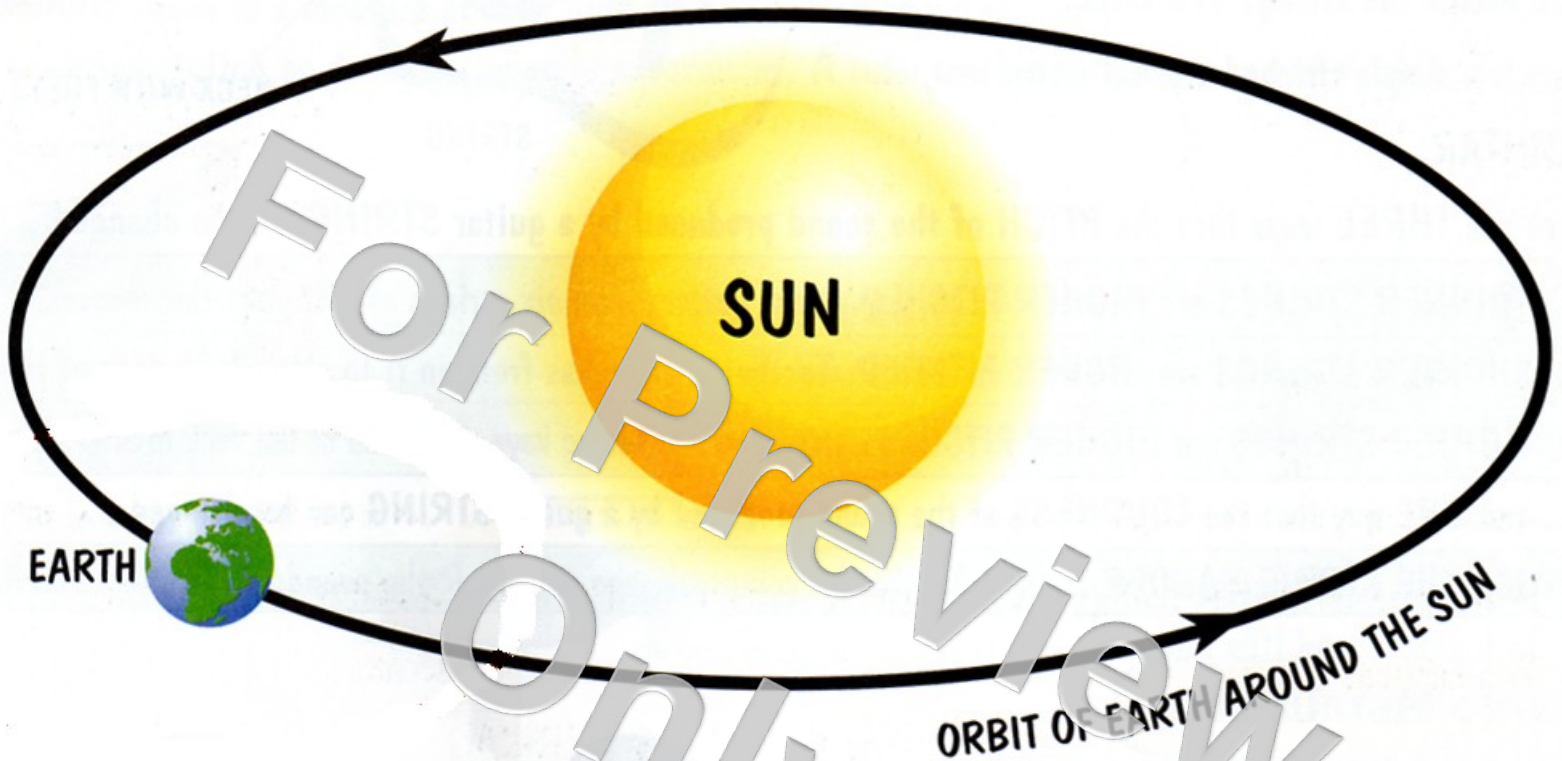




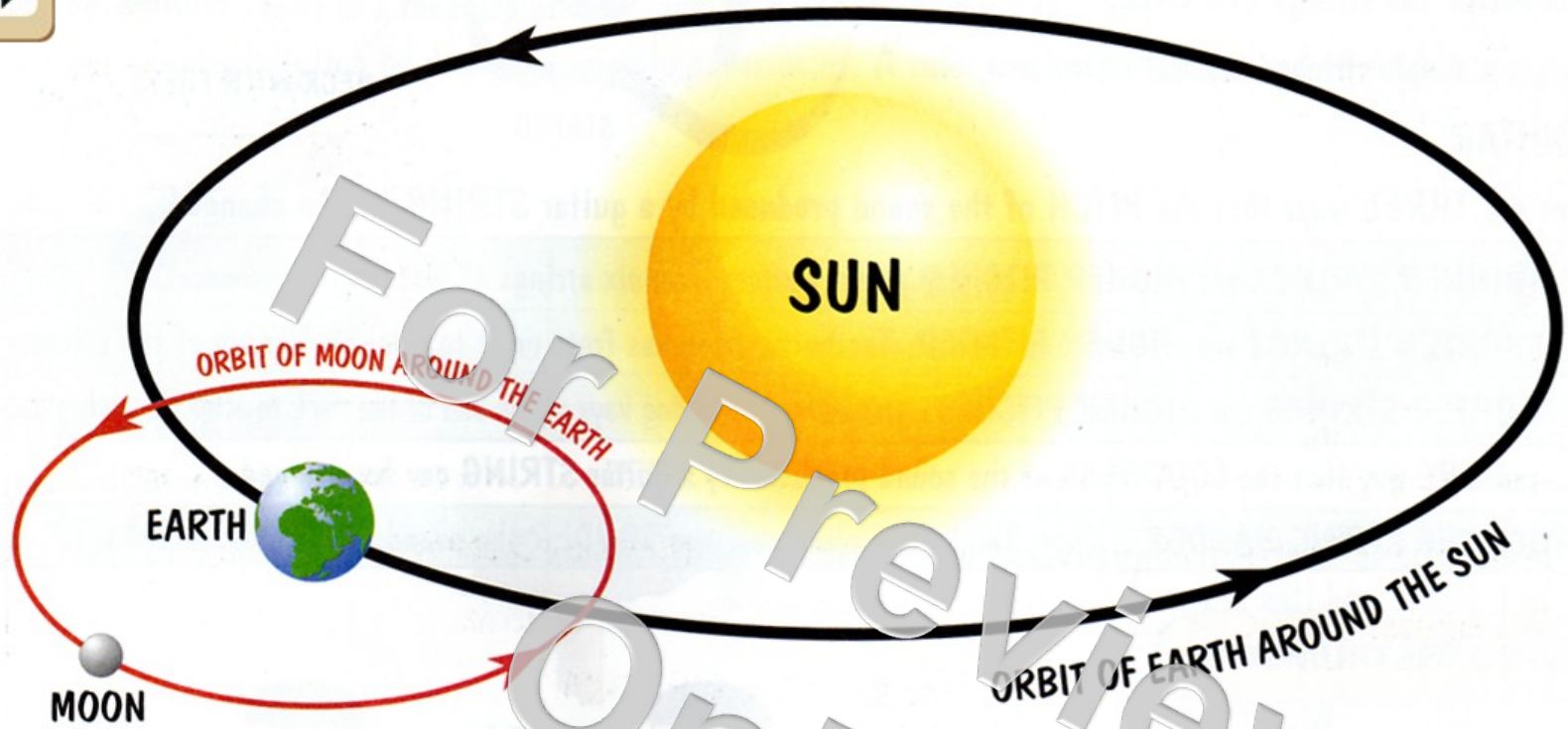
Orbits of the Earth Sun and Moon



The Earth on which we live is always moving around the sun. Earth's movement is called an **orbit**.



It takes Earth $365 \frac{1}{4}$ days to orbit the Sun. This is one year.



At the same time as the Earth is orbiting the Sun, the moon is orbiting Earth. It takes the moon **28 days** to orbit Earth once.

Leap Year



As it takes $365 \frac{1}{4}$ days for the Earth to orbit the Sun, once every four years we have to have an extra day ($\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = 1$). The year in which this happens is called a **leap year**. The extra day is on February 29th.



Can you guess the missing words?

_____ orbits the Sun. It takes 365 $\frac{1}{4}$ days to do this.

Click to reveal

Earth

It takes _____ for the moon to orbit Earth.

Click to reveal

28 days

365 days is the same as _____.

Click to reveal

one year