

## Our Planet & Moon

These questions will enable you to conduct a pre-assessment and post-assessment of your students' knowledge of the movements of the Earth and Moon. The questions are directly related to the subject matter taught in the program. An answer key is provided. Please comment on the value of this material when submitting the program evaluation form.

1. What does rotate mean?
2. How long does it take the Earth to rotate on its axis one time?
3. The Earth rotates on its axis, what does this mean for us on Earth?
4. How long does it take the Earth to make one revolution around the sun?
5. The Earth revolves around the sun, what does this mean for us on Earth?
6. What does the Moon rotate and revolve around?
7. Sometimes during the Moon phase cycle, we can't see the Moon. What do we call this phase?
8. How long does it take for the Moon to get through its entire phase cycle?
9. What do we call it when the Moon aligns in front and blocks out the sun?
10. What keeps the Earth and Moon moving?

## Answer Key

1. spin
2. 24 hours or 1 day
3. daytime and nighttime
4. 365  $\frac{1}{4}$  days or 1 year
5. different weather seasons
6. the Earth
7. new moon phase
8. 27 – 28 days, about 1 month
9. solar eclipse
10. gravity