

Understanding Our Planet (Level 3)

Assessment Questions

My Home in My Universe

1. What does population mean? Give an example of the population of any country OR use the word "population" in a sentence.
2. Name any two geographical features or facts about your country.
3. Name any two national symbols of your country.
4. What is the difference between a country and a continent?
5. Imagine that you were asked to design a brochure with information about your city or village to encourage tourists to visit. Name three things you would put on the tourism brochure.
6. Name one other country that has a similar culture, language, or food as your country.

Around the World in 46 Days!

1. What is the capital of France?
2. Name all the continents.
3. Give three examples of natural disasters.
4. What is your country's national animal?
5. Name a country starting with the letters T, H, and S.
6. List two differences between 2 countries you know (Hint: think of differences in weather, language, food, culture, etc.).
7. Write down any word in a different language (you can use the letters of your first language).
8. Give 4 examples of languages people speak in different countries.

Shake it Up

1. Explain the process of how the Earth's surface and continents were formed.
2. Describe the four main layers of the Earth and their characteristics.
3. Explain how the movement of tectonic plates leads to the formation of geographical features.
4. Describe the differences between the crust, mantle, outer core, and inner core.
5. Explain how the Earth's supercontinent Pangaea split into the current different continents.
6. Identify the risks and dangerous areas within your home and explain how you would prepare for an earthquake.
7. Discuss the importance of earthquake-resistant structures and give an example of one.
8. How can you develop earthquake-resistant structures in your community?

9. What should be done before an earthquake strikes?
10. How would you educate your community about earthquake safety and preparedness?

Exploring our solar system

1. What is an asteroid?
 - A) A planet
 - B) A small rocky body orbiting the sun
 - C) A star
2. How long does it take the earth to complete one revolution around the sun?
3. Name 4 planets in our solar system.
4. What is the Milky Way?
5. Choose the right answer:
 - A) Seasons are caused by the rotation of the earth around its axis
 - B) Seasons are caused by the tilt of the earth's axis as it revolves around the sun
 - C) The Northern and Southern Hemispheres experience summer at the same time
6. Draw and label the Milky Way.
7. Explain how day and night happen on earth. Draw and label a diagram to illustrate this.
8. True or false: it takes all planets the same amount of time to complete one rotation.
9. List two differences between Venus and Mars.
10. Even though all planets rotate around the sun and themselves, the number of days in a year is different on each planet. Why?
 - A) It depends on how many moons a planet has
 - B) It depends on the orbit planets take to revolve around the sun
 - C) It depends on the temperature of the planet

Lightning and Earthquakes

1. What happens when you rub a balloon against your hair and then bring it close to small pieces of tissue paper? Explain why this happens.
2. Describe a situation where you experienced a static electric shock. What causes this shock?
3. What causes lightning during a storm?
4. What are some of the dangers of lightning?
5. What are some safety measures to protect yourself during a lightning storm?
6. What causes earthquakes? What are some of the effects of earthquakes?
7. Why is steel a better material than wood for building a lightning-resistant house?

8. What do you think would happen if lightning struck a tree? Why?
9. If you could design a lightning rod using anything you find at home, what materials would you use and why?
10. Imagine you're an architect. How would you design a fun but earthquake-resistant playground?

The Moon and Stars in My Life

1. How are days and nights formed on Earth?
2. Explain how seasons occur.
3. What are the phases of the Moon, and why do they occur?
4. Describe the solar system and name the key celestial objects visible from Earth.
5. Define a constellation and identify two commonly known constellations.
6. What is the importance of artificial satellites?
7. Describe the alien life you imagined on a distant planet. What does the alien look like and how does it survive on the planet?
8. Draw the solar system and mark the celestial body you researched.
9. Imagine you are an astronaut. Describe what you would see and experience if you were orbiting Earth.
10. How would our lives be different if Earth had no tilt and didn't experience seasons?