

Final Interview Questions

1. What is the Sun?

2. What kind of energy do we get from the Sun?

3. What effect does the Sun have on the earth?

4. How do humans protect themselves from the Sun's harmful rays?

5. How do animals protect themselves from the Sun?

Assessment Rubric

Criterion/Score	Needs Improvement	Satisfactory	Good	Excellent
What is the Sun?	Cannot describe the Sun	The Sun is the closest star.	The Sun is the closest star and is a ball of hot gases.	The Sun is the closest star, a ball of hot gases like hydrogen and helium.
What kind of energy do we get from the Sun?	Cannot explain what kind of energy we get from the Sun	The Sun provides light energy.	The Sun provides light energy that travels in rays, some visible and some not.	The Sun provides radiant energy that travels in rays in the form of visible light, ultraviolet radiation, and infrared radiation.
What effect does the Sun have on the earth?	Cannot explain the effect of the Sun on Earth	Sunlight warms the Earth	Sunlight is absorbed by the Earth and converted into heat that warms the Earth.	Sunlight is converted into heat that warms the Earth, water, and atmosphere. Plants also use Sunlight to create food for all life on Earth.
How do humans protect themselves from the Sun's harmful rays?	Cannot provide any examples	Provides 1 example	Provides 2–3 examples	Provides 4+ examples
How do animals protect themselves from the Sun?	Cannot provide any examples	Provides 1 example	Provides 2–3 examples	Provides 4+ examples