

Name _____

The Sun's Energy is Vital for Life on Earth

The sun's energy is the primary source of energy for all superficial occurrences and life on Earth. Combining with the Earth and the molecules that are held close by the Earth's gravitational force called the atmosphere, this energy provides the diversity of forms of life that are found on the Earth.

The Sun is essential for us in many ways. Here is a list of some of the most important ways.

1. The sun provides heat to Earth.
2. The sun provides light for plants to photosynthesize.
3. The sun provides day and night cycles for animals.
4. The sun provides solar energy.
5. The sun provides a constant orbit for the Earth to follow, thus seasons occur.

Sunlight shining down on green plants helps the plants live and to grow. Sunlight helps create the food we eat, and the fuel we burn comes either from the plants, or in the form of oil, coal, and natural gas many years ago. Without the Sun and its energy, Earth would probably not be fit for life. Life and the Earth as we know it needs water, and Earth is the only planet known to have water. Without the sun, the Earth would be a frozen planet drifting in space. Earth is the only planet in the solar system fit for life.

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Multiple Choice Questions

1. The primary source of solar energy comes from the_____?

- a) The Sun
- b) The Moon

2. Solar energy provides the diversity of life forms that are found on the Earth. Identify if this statement is TRUE or FLASE.

- a) True
- b) False

3. Which of the following is NOT true?

- a) The sun provides heat to the earth
- b) The sun causes floods and rain

4. What do green plants need to survive?

- a) other plants
- b) sunlight

5. If there was no sun, our earth would have been (by now).

- a) Melted
- b) Freeze