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(Proposed ICSE Board )

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## Chapter-11

### Topic: Sun as a Natural Resource

**GRADE:3**

**Subject: Science**

#### **1. New words:**

1. Natural
2. Resource
3. Photosynthesis
4. Solar
5. Energy
6. Renewable
7. Non-Renewable
8. Sources
9. Conservation
10. Electricity

#### **2. Short Answer Questions.**

**Q1. What is meant by natural resource?**

**Ans :** Anything that we use is called a resource. Things that we get from nature are called natural resource.

**Q2. Why do we sit in the Sun during winters?**

**Ans:** We sit in the sun during winters to feel warm. Sunlight help us to stay comfortable and prevents us from feeling cold.

### Q3. Why should we conserve non-renewable sources of energy?

**Ans:** We should conserve non-renewable sources of energy because :

1. They take a very long time to form.
2. Once used up, they cannot be replaced quickly.

### Q4. What would happen if the sun does not rise for one week?

**Ans:** If the sun does not rise for one week, it would be very dark and it would get extremely cold. Our world depends on the sun, so if it is not rising for a week would cause many problems.

### 3. Long answer questions:

#### Q1. What is solar energy? How it is useful for plants?

**Ans:** The energy that we get from the sun is called solar energy. Plants use solar energy for photosynthesis, a process where plants make their own food. The sunlight helps plants grow and make the oxygen we breathe.

#### Q2. List any 5 uses of Solar energy. (Can write on own)

- Ans:**
1. We dry our clothes in the Sun.
  2. It is used for drying of fruits and vegetables. Grains are also dried in the Sun.
  3. The heat of Sun dries water at the sea shores. It helps in making salt from sea water.
  4. A solar cooker is used for cooking.
  5. A solar heater is used to heat water.

#### Q2. What is meant by renewable and non-renewable sources of energy?

**Ans:** Renewable sources of energy: These are the sources that can be replaced naturally and would not run out, like sunlight and wind.

Non-Renewable sources of energy: these are sources that take a very long time to form and cannot be replaced quickly.

Examples: Coal, Petrol

**Q3. How can we save energy at our home? Write five ways?**

**Ans: We should follow the ways given below to save energy at home:**

- 1. Switch off lights and fans when you leave the room.**
- 2. Open the curtains and allow natural light to come in during day time.**
- 3. Use LED bulbs.**
- 4. Use solar cooker for cooking and solar heaters to get hot water.**
- 5. Walk or use a bicycle to go to nearby places.**

**Teacher Signature**

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**Principal Signature**

