



**NEW AL WUROOD INTERNATIONAL SCHOOL, JEDDAH, K.S.A**

**Affiliated to CBSE – New Delhi, Affiliation No. 5730008**

**GRADE: IV**

**WORKSHEET -2**

**EVALUATION III**

**SUBJECT: SCIENCE**

**Block :19, 20 & 21**

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**CHOOSE THE CORRECT OPTION:**

1. The ability to cause a change in matter is
  - A. Energy
  - B. Heat
  - C. Potential
2. A form of energy that can be released by a chemical change is
  - A.chemical energy
  - B.potential change
  - C.kinetic change
3. A light bulb converts electrical energy into which of the following?
  - A..Heat only
  - B..Heat and light
  - C.Light and motion
4. Weather is \_\_\_\_\_.
  - A What air is like outside
  - B. Pattern of weather in a place over many years.
  - C .The evaporation of water.



5. The energy of the \_\_\_\_\_ of bullocks makes the cart move.

A. Muscles

B. Wheel .

C. Petrol

6. Seasons occur due to the tilt in the \_\_\_\_\_ of the earth.

A. Rotation

B. Axis

C. Revolution

7. There are \_\_\_\_\_ planets in the solar system.

A. Seven

B. Eight.

C. Nine.

8. Which is the largest planet in the solar system?

A. Uranus

B. Jupiter

C. Mercury .

9. The first Indian satellite was \_\_\_\_\_.

A. Aryabhata

B. INSAT 1A

C. Moon.

10. Asteroids are usually found in the belt between the orbits of \_\_\_\_\_

A . Mars and Jupiter.

B. Venus and Mars

C. Jupiter and mercury.



Answer the following questions in two sentences each.

Name the pictures and describe it.

1.



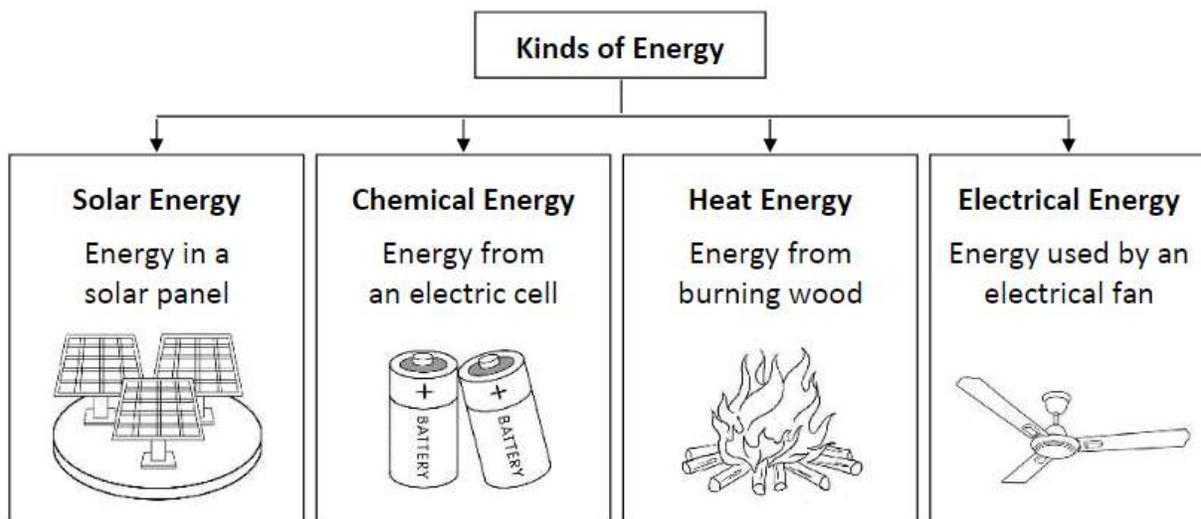
2.



3. What is the source of energy for a sailboat to move? When will a sail boat not move ?
4. Why don't all rain clouds bring rain?
5. What is shooting star?

Answer the following questions in three or four sentences each.

1. Define energy. What are the different sources of energy?
2. Read the chart and write the kind of energy used in each case.

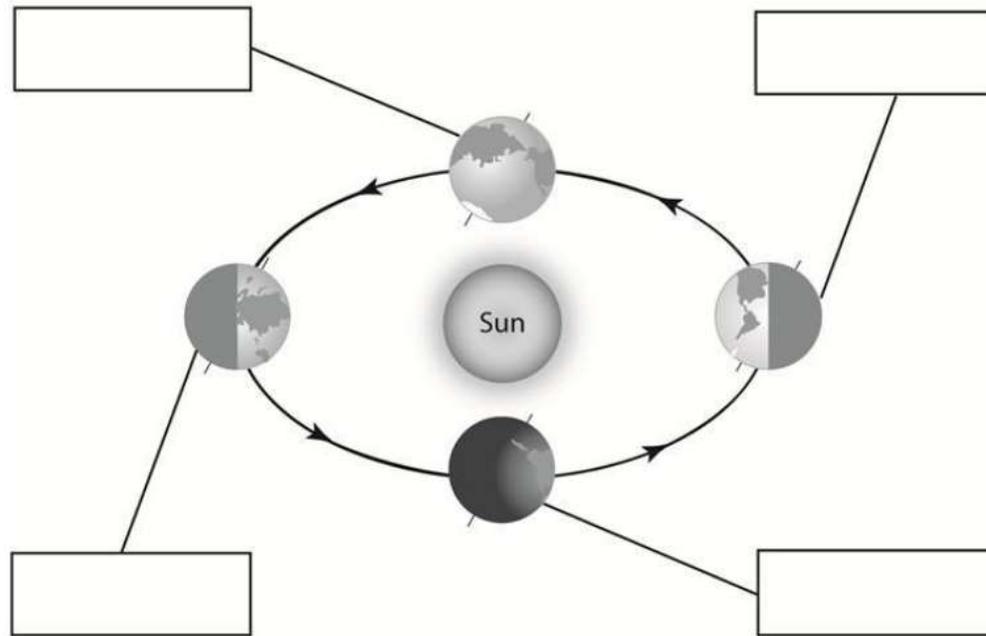


- A. TV remote control. \_\_\_\_\_
- B. Air conditioner. \_\_\_\_\_
- C. Solar calculator. \_\_\_\_\_
- D. Process of cooking food. \_\_\_\_\_
- E. Washing machine. \_\_\_\_\_
- F. Torch. \_\_\_\_\_
- G. Motorbike running on diesel. \_\_\_\_\_
- H. Solar cell. \_\_\_\_\_
- I. Mobile phone. \_\_\_\_\_
- J. Electric iron. \_\_\_\_\_

**3. Fill in the table.**

Picture					
	Lighting Lamp	Fire	Moving Car	Solar Cooker	Wind Mill
Type of Energy being Produced (Chemical/ Electrical/ Solar/Wind/ Heat)					

- A. From where does the solar cooker get energy?
4. Look at the diagram about the tilt of the Earth that is responsible for summer and winter seasons and answer the questions.



A. What would happen to the seasons if the Earth was not tilted?

5. What is the difference between renewable and non renewable sources of energy? Give two examples each.

6. How does the water from the earth evaporate and then condense?

7. What are the differences and similarity between the moon and artificial satellite .

8. What season will experience in the top half when it gets more sunlight ? What season will experience when the top half gets less sunlight ? When do we get autumn and spring

9. List three steps that we can take to conserve non-renewable source of energy.

10. Draw the model of solar system.