

**Grade 4
Science****Force, Work and Energy**

A Give one use of each of the following.

1.



2.



3.



4.

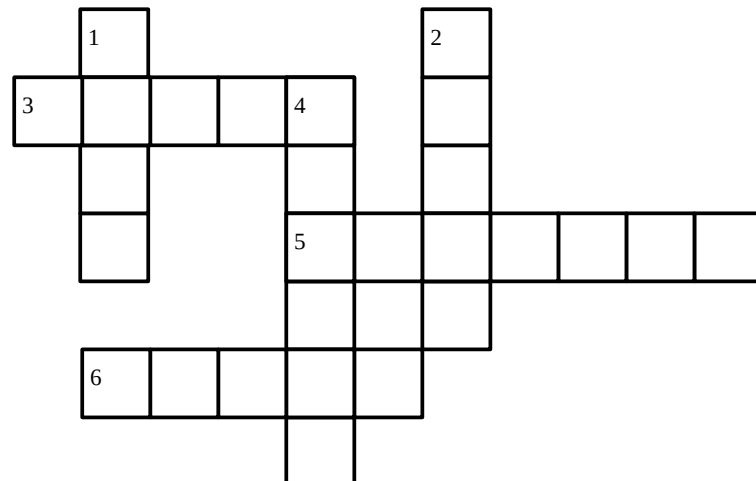


5.



B Fill in the blanks.

1. The energy produce by pianos is _____.
2. A moving body slows down or stops due to its _____ force.
3. When we beat a drum, _____ energy is changed to sound energy.
4. Fuels like _____, oil and _____ have chemical energy.
5. Complex machine is made up of many _____.

B Solve the crossword with the help of given clues.

Across:- 3. A push or pull

5. A force used by an archer to shoot an arrow.

6. Knife and fork are examples of this.

Down:- 1. It is said to be done when force applied changes the position of an object.

2. Energy used by green plants to make their food.

4. Ability to do work

Answers

A.

1. Solar energy is utilised to produce electricity with the help of solar panels.
2. In villages people draw water out of wells using pulleys.
3. A windmill uses the force of moving air to generate electricity or draw underground water.
4. Rollers make use of wheel-and-axle.
5. Screws are used to hold objects together.

B.

1. sound energy
2. frictional
3. mechanical
4. petroleum, CNG gas
5. small machines

C.

- Across:-
3. Force
 5. Elastic
 6. Wedge
- Down:-
1. Work
 2. Solar
 4. Energy