



INDIAN SCHOOL NIZWA

SCIENCE WORK SHEET

LESSON:11-Force, Work and Energy

Class:IV_____

Name:

Date: / /2024

I. Choose the correct answer

1. Energy of wind can be used to generate _____
A) electricity. B)solar energy C) wind energy D) hydro energy

Ans: _____

2. Things can move without any force acting on them.

A)False B) True

Ans: _____

3. The ability to do work is called _____.

A)Energy B) force C) pull D)push

Ans: _____

4. Energy in food indirectly comes from the _____

A) Moon B) Earth c) Sun d) Wind

Ans: _____

5. If a moving object comes to a stop, it means some force is acting on it.

A) True B) False

Ans: _____

II. Fill in the blanks

1. The force of _____ pulls everything down.

2. A force is a _____ or a _____.

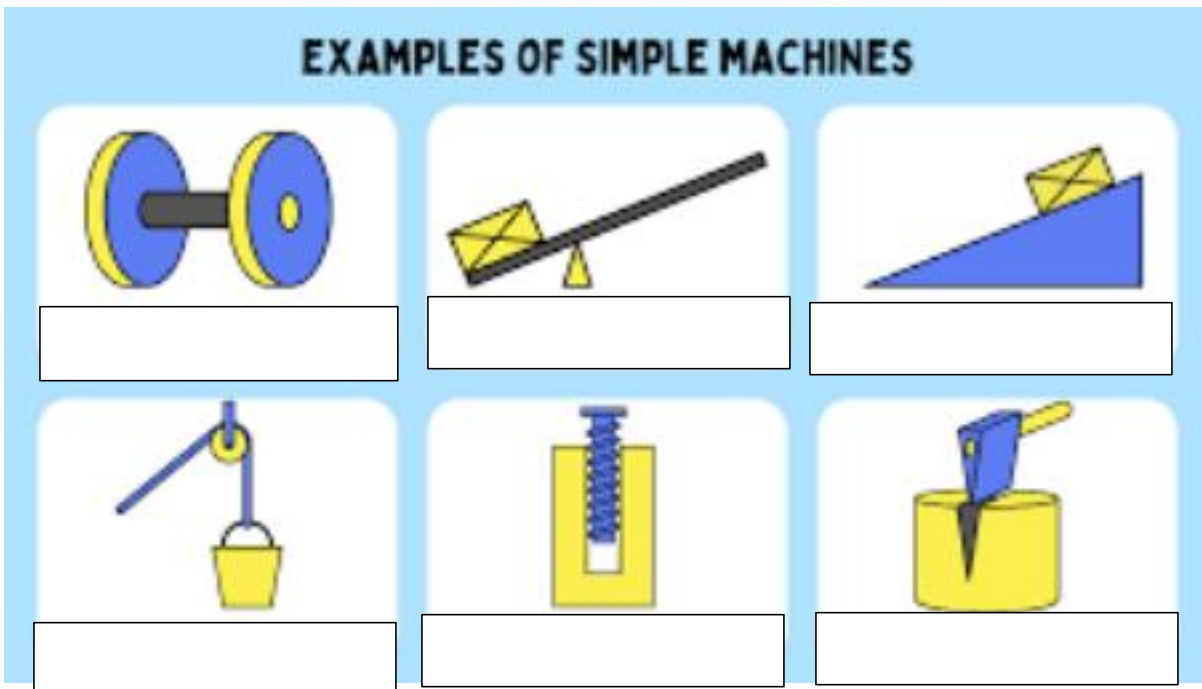
3. When a force moves an object, _____ is done.

4. A moving football comes to a stop after some time because of the force of _____.
- 5 The _____ is the main source of energy.

III. Observe the given pictures and identify the force



IV. Identify the simple machines and name them correctly



V. Fun facts

- _____ pulls all objects down at the same speed, regardless of the object's weight.
- Friction wastes energy by generating _____
- Force was described by the Sir _____ in his law called Newton's second law of motion.
- Force is measured in Units called _____
- _____ are used to fly planes, drive cars, build bridges, walk, talk, and many more.

If there will be 78% of oxygen and 21% nitrogen, **the whole world will come to an end.** It will burn. The fire once set off would not could not stop.

