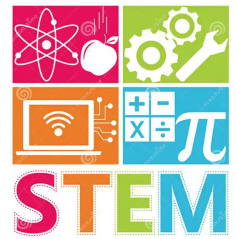


SCIENCE Newsletter



Week of : Jan. 29th to Feb. 2nd , 2024

4A,B,C,D,E Home Learning

	4A,B,C,D,E Home Learning
Monday	Study the Vocabulary on Quizlet
Tuesday	Kinetic or Potential Energy worksheet
Wednesday	Forms of Energy Crossword Review
Thursday	Study the Vocabulary on Quizlet
Friday	No Homework - enjoy your weekend!

Vocabulary



forms of energy
potential energy
kinetic energy
electrical
light
reflects
bends
absorbs
opaque
transparent
translucent
sound
vibrations
wave
pitch
volume
heat
friction motion
speed
collision
mass
transfer

Reminders



➤ **H/W due Friday 02/02**

➤ **Topic 4 Lessons 1-3
Vocabulary Quizlet**



Name: _____

Kinetic or Potential energy ?

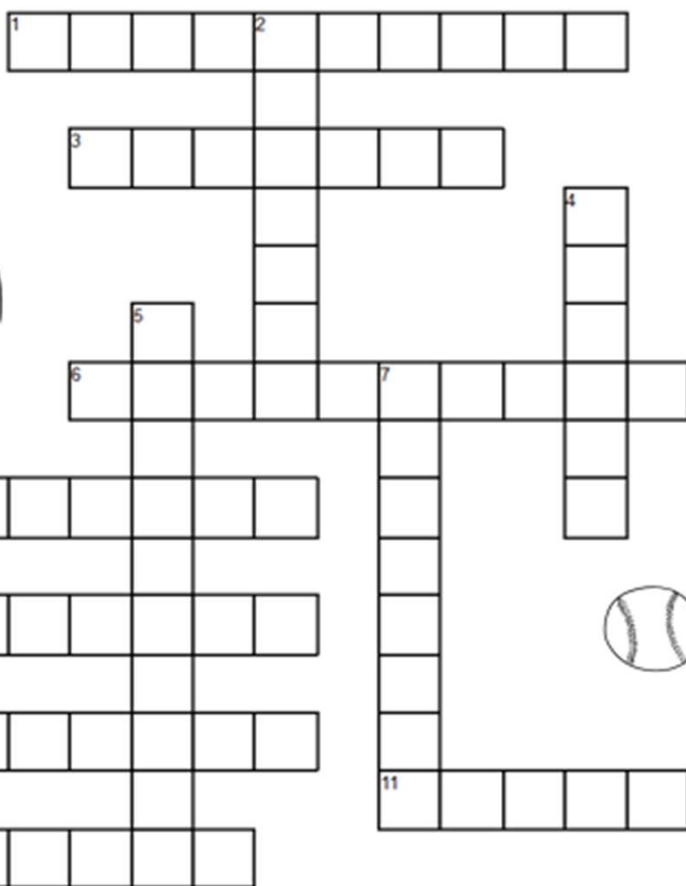
Potential energy is stored energy and is waiting to work.

Kinetic energy is energy that is working.

- 1) When a boy is sitting, it is _____ energy.
- 2) When a boy is jumping, it is _____ energy.
- 3) If the giant wheel is still, it is _____ energy.
- 4) If the giant wheel is moving, it is _____ energy.
- 5) When the bird is sitting on the tree, it is _____ energy.
- 6) When the bird is flying, it is _____ energy.
- 7) If the fan switch is _____, it is potential energy.
- 8) If the fan switch is _____, it is kinetic energy.
- 9) When the car is _____, it is potential energy.
- 10) When the car is _____, it is kinetic energy.

NAME _____

Forms of Energy Crossword Review



ACROSS

- 1 energy caused by the movement of electrical charges
- 3 The energy of motion
- 6 when light or sound waves bounce off an object
- 8 the ability to cause motion or create change
- 9 an objects potential energy plus its kinetic energy
- 10 The energy on object has because of it position (stored energy)
- 11 energy that can be seen and can travel through space
- 12 travels in waves vibrating through matter

DOWN

- 2 the energy of moving particles or heat energy
- 4 Sound waves that do not bounce off a material, instead they go into the material
- 5 when light bends as it passes from one material to another
- 7 energy that is stored in substances

