

Name: _____ Pd: _____

ENERGY CONVERSION AND CONSERVATION SCIENCE STARTERS

(INSERT DATE)

***ALL UNIT SCIENCE STARTERS MUST BE TURNED IN BY THE UNIT TEST TO
RECEIVE CREDIT***

Points:	Question:	Answer:
Monday ____/2	If all light waves from white light are reflected off a surface, what color will be perceived by the observer? A. white B. black C. red D. yellow	
Tuesday ____/2	Tabitha ate a turkey sandwich and an apple for lunch. Later that day, she ran 2 miles during soccer practice. Which of the following energy transformations occurred between lunchtime and the end of Tabitha's run? A. Thermal energy was converted to kinetic energy. B. Kinetic energy was converted to chemical energy. C. Electrical energy was converted to thermal energy. D. Chemical energy was converted to mechanical energy.	
Wednesday ____/2	Harry uses a pulley to put up a bucket of water from a well. He uses chemical energy in his body to apply mechanical energy to the system. Which of the following energy transformations also occurs as the bucket rises? A. Energy is gained as potential energy is transformed to kinetic energy. B. Energy is gained as kinetic energy is transformed to potential energy. C. Energy is conserved as potential energy is transformed to kinetic energy. D. Energy is conserved as kinetic energy is transformed to potential energy.	

Name: _____ Pd: _____

ENERGY CONVERSION AND CONSERVATION SCIENCE STARTERS


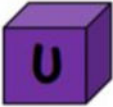
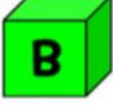

(INSERT DATE)

***ALL UNIT SCIENCE STARTERS MUST BE TURNED IN BY THE UNIT TEST TO
RECEIVE CREDIT***

Points:	Question:	Answer:
Monday ____/2	If all light waves from white light are reflected off a surface, what color will be perceived by the observer? A. white B. black C. red D. yellow	
Tuesday ____/2	Tabitha ate a turkey sandwich and an apple for lunch. Later that day, she ran 2 miles during soccer practice. Which of the following energy transformations occurred between lunchtime and the end of Tabitha's run? A. Thermal energy was converted to kinetic energy. B. Kinetic energy was converted to chemical energy. C. Electrical energy was converted to thermal energy. D. Chemical energy was converted to mechanical energy.	

<p>Wednesday</p> <p>___/2</p>	<p>Harry uses a pulley to put up a bucket of water from a well. He uses chemical energy in his body to apply mechanical energy to the system. Which of the following energy transformations also occurs as the bucket rises?</p> <ul style="list-style-type: none"> A. Energy is gained as potential energy is transformed to kinetic energy. B. Energy is gained as kinetic energy is transformed to potential energy. C. Energy is conserved as potential energy is transformed to kinetic energy. D. Energy is conserved as kinetic energy is transformed to potential energy.
<p>Thursday</p> <p>___/2</p>	<p>Which of the following is one of the energy conversions taking place in a campfire?</p> <ul style="list-style-type: none"> A. Heat to light B. Heat to kinetic C. Chemical to light D. Light to chemical
<p>Friday</p> <p>___/2</p>	<p>To bring heavy boxes down a flight of stairs, Tyrone uses a ramp. He slides the boxes down the ramp. The movement transforms one type of energy into two other forms. Which of the following describes the way that most of the energy is transformed?</p> <ul style="list-style-type: none"> A. Potential energy into chemical energy and mechanical energy. B. Potential energy into light energy and mechanical energy. C. Potential energy into sound and chemical energy. D. Potential energy into heat and kinetic energy.

CUBE Test-Taking Strategy

	Circle your vocabulary words
	Underline important words
	BOX in the question
	ELIMINATE wrong answers

<p>Thursday</p> <p>___/2</p>	<p>Which of the following is one of the energy conversions taking place in a campfire?</p> <ul style="list-style-type: none"> A. Heat to light B. Heat to kinetic C. Chemical to light D. Light to chemical
------------------------------	---

Friday

___/2

To bring heavy boxes down a flight of stairs, Tyrone uses a ramp. He slides the boxes down the ramp. The movement transforms one type of energy into two other forms. Which of the following describes the way that **most** of the energy is transformed?

- A. Potential energy into chemical energy and mechanical energy.
- B. Potential energy into light energy and mechanical energy.
- C. Potential energy into sound and chemical energy.
- D. Potential energy into heat and kinetic energy.

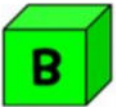
CUBE Test-Taking Strategy



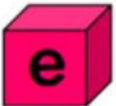
Circle your vocabulary words



Underline important words



BOX in the question



~~ELIMINATE~~ wrong answers