

Monday

- Speed Bag
Pages 103-108
Do not complete
predraws

Tuesday

- Speed Bag
Pages 103-108
Do not complete
predraws

Wednesday

- Archie HW
Packet Pg. 1-2

Thursday

- Archie HW
Packet Pg. 3

**NO HOMEWORK !!
ENJOY YOUR WEEKEND :)**

Reminders

- Work on STEM Catapult Presentations and Packet
- Finish any Missing IXLs
- Speed Bag Benchmark Assessments will be reviewed in class.

Topic 5 Practice Quizlet
Topic 5 Vocab Quizlet

Forms of Energy

Directions: As you read through the passage, underline any examples that describe a type of energy. (Mechanical, Light, Electrical, Sound, Heat, Chemical)



Nothing but Net

I never thought I would be playing basketball. My aunt had been trying to convince me to play, and eventually I gave in. Now here I am, standing in the middle of the basketball court with the ball in my hand and a million people staring at me.

To get everyone to stop staring at me, I throw the ball to one of my teammates. They grunt as they catch it, then turn to throw it up at the hoop. The ball flew, bounced off the rim, making it *clang* and shake, then bounced back onto the court. A player from the other team grabbed the ball and started running down the court to the other side. They shot the ball, it went into the hoop, and the scoreboard lights said 22 now instead of 20 on the away side. Just when we got started up again, the referee blew his whistle. Someone had dropped some fresh, hot popcorn onto the court and they needed to clean it up. I looked around while we waited. All of the other players were dripping sweat because of how hot they were. They also looked very tired. I felt great! I had an apple and some chicken for lunch, so I had enough energy to last me all game.

After the spill was cleaned up, our point guard started dribbling the ball down the court. The ball thumped every time it hit the ground. We were only one point behind. My teammate passed the ball to me. I wasn't sure what to do. The clock on the scoreboard was running down quickly, so I threw the ball towards the hoop. The ball made a *swish* noise as it brushed through the inside of the net just before the scoreboard buzzed, indicating the end of the game. I had won the game for my team! I guess basketball isn't so bad after all!

Name: _____

Use what you learned about the passage the answer the following questions.

1. What examples of sound energy were present in the passage?

2. What examples of heat energy were present in the passage?

3. Is there something from the passage that had more than one type of energy?

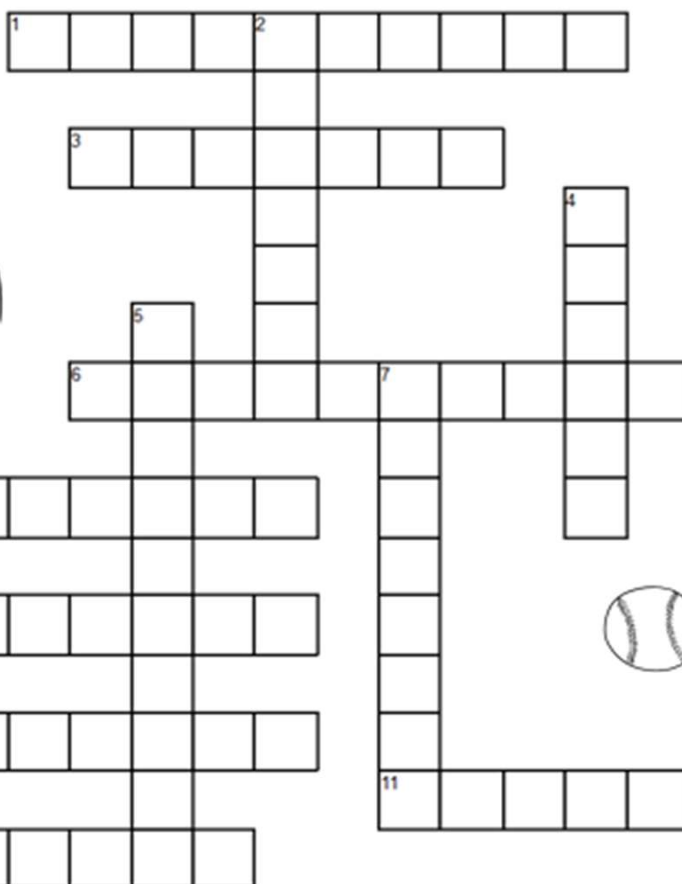
4. The narrator mentions that they ate an apple and chicken for lunch, so she isn't as tired as the other players. What type of energy is she referring to?

5. How would the narrator have felt if they only had a bag of chips for lunch?

6. What other examples of sound energy might you observe at a basketball game?

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



Name _____

Date _____

Activity Page 13.6

Use with Lesson 13.

Energy Vocabulary Review

Complete each sentence with the correct Core Vocabulary term or phrase. Not every word in the word bank will be used, and some may be used more than once. Review the cards in your Core Vocabulary deck before you begin.

change	energy	forms of energy	stored energy	evidence	heat	light
motion	position	sound	transfer	collision	electricity	observation
model	speed	distance	energy of motion	convert	energy transformation	

1. When you add hot soup to a cold bowl, _____ energy transfers from the soup to the bowl.
2. If a book is falling off a shelf, the book has _____ because it is changing its _____.
3. Playing a drum produces _____, which is a form of energy that you can hear.
4. Energy can _____ from one object to another object.
5. When a bowling ball hits the bowling pins, a sound rings through the bowling alley. The change from motion energy to sound energy is an example of a(n) _____.
6. Energy is the ability to cause _____.
7. Heat, light, and sound are examples of _____.
8. A marble at the top of a ramp has _____, because at any moment it can move down the ramp.
9. Computers are powered by _____.
10. _____ is a measure of how fast an object is moving, and _____ is a measure of how far apart objects are.
11. When light energy is converted to heat energy, this is known as _____.