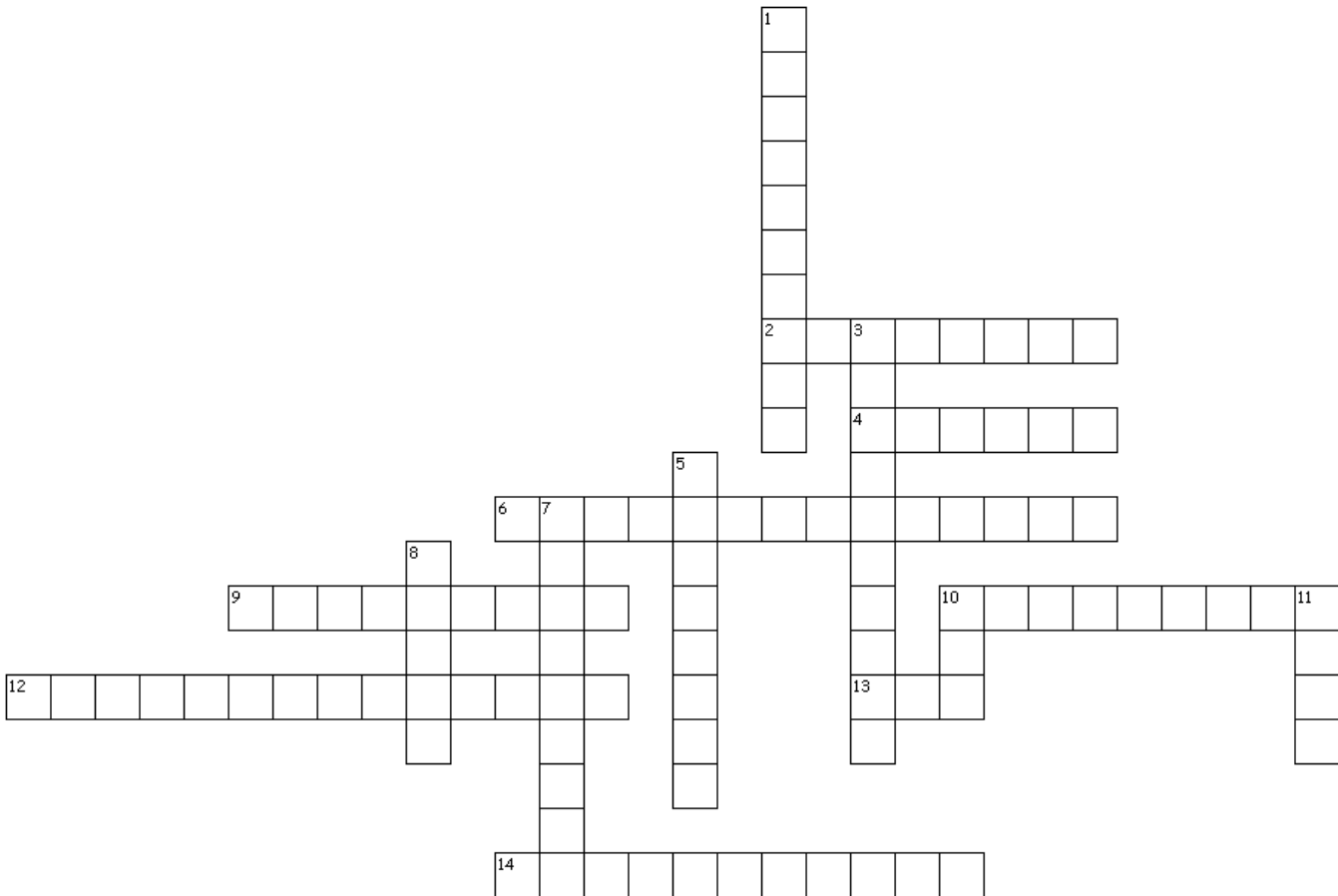


## 8.1 Vocabulary

Name \_\_\_\_\_ period \_\_\_\_\_ date \_\_\_\_\_



### Across

2. Stored in chemical bonds of food
4. The ability to do work
6. Changes other chemicals into food
9. Organism that eat other animals (meat)
10. Organism that make their own food
12. Uses sunlight to change  $\text{CO}_2$  and  $\text{H}_2\text{O}$  into Glucose (sugar) and  $\text{O}_2$
13. results when ATP releases energy
14. eat other organisms

### Down

1. Energy of motion
3. Moving  $e^-$  or other ions
5. Models used to describe how energy moves through an ecosystem
7. Organism that eat plants
8. Radiant energy; solar energy
10. Cellular energy (storage and release)
11. Unusable form of energy

## 8.1 Word Search

E T A H P S O H P I D E N I S O N E D A O T Z K T C M U K A  
L Z R A E W I E P L K R C L P G L E S C W D D R O C L G M J  
R A I Y E B P S F O O D H U Q C A R N I V O R E T P B G U Z  
O D F X P A Z K E V R P E I L A C I M E H C I X T E B E C B  
C F N I R S W H C H O T M O C K I L T D R R Z L J E J F F U  
Y Y T I J M F M E R T I O Z V R N Y Y S W G B A R W T V M C  
F A L B B N B B T L X N S R U D A J L A B U Y O W Z T J P T  
A K E V E V Q O U V E N Y Q E P H A H O S N V R C C I K T U  
P V B I R Q T M T N Y C N S G T C U D O M I B K L W A J M G  
N H Q L F U K H Z T U R T J O B E R Y E B V V E J X D C P S  
W M Y W A V O P G G O U H R Z T M H Z R W K N P V U A K S G  
E T A H P S O H P I R T E N I S O N E D A R O Y T Q R B E F  
B K T T Z V K M W D L W S H H C U H H A X W U K O G B X J B  
G H G M Y Q G P P Y S H I J M C A K P O T P T X B O B P C W  
X A G P H G W G D L E O S O L S T L D M M A R G E D Z K U P

ADENOSINEDIPHOSPHATE

CARNIVORE

ELECTRICAL

HEAT

LIGHT

WEB

ADENOSINETRIPHOSPHATE

CHEMICAL

ENERGY

HERBIVORE

MECHANICAL

AUTOTROPH

CHEMOSYNTHESIS

FOOD

HETEROTROPH

PHOTOSYNTHESIS