

Name\_\_\_\_\_period\_\_\_\_\_date\_\_\_\_\_

### Waves Vocabulary Study Guide

This study guide is designed to help you study for the vocabulary assessment. You can fold along the dotted line and try to guess which word matches the definition.

Make sure that you pay close attention to the spelling since the assessment is 50% vocabulary and 50% spelling.

#### DEFINITIONS

1.) A wave that is created when a source of energy causes a vibration to travel through a medium.

1.) mechanical wave

2.) The material through which a wave travels.

2.) medium

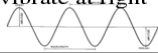
3.) The highest point of the wave above the rest position.

3.) crest

4.) The lowest point of the wave below the rest position.

4.) trough

5.) A wave that causes the medium to vibrate at right angles to the direction of the wave.



5.) transverse wave

6.) A wave in which the vibration of the medium is parallel to the direction that the wave travels.



6.) longitudinal wave

7.) An area where particles in a medium are spread out.

7.) rarefaction

8.) An area where particles in a medium are close together.

8.) compression