

Introduction to Waves Vocabulary Quiz Study Guide
Assessment Date Friday 9/19/14
Study Guide Due 9/17/14

Vocabulary

Students should know the definitions of the following terms:

- a. Wave _____
- b. Energy _____
- c. Wavelength _____
- d. Amplitude _____
- e. Frequency _____
- f. Crest _____
- g. Trough _____
- h. Medium _____
- i. Mechanical wave _____
- j. Transverse wave _____
- k. Longitudinal wave _____

Introduction to Waves

1. Students should know the all vocabulary terms listed above.
2. Students should be able to identify examples of transverse and longitudinal waves.

3. Students should be able to identify the direction of the disturbance and the direction of the wave (energy) for both transverse waves and longitudinal waves.

4. Students should be able to label a diagram of a wave.

5. Students should understand the relationship between frequency and wavelength of waves.

6. Students should understand the relationship between amplitude and energy.
