

WAVES WEBQUEST

Click on the link: <http://www.acs.psu.edu/drussell/Demos/waves-intro/waves-intro.html>

1. A wave is defined as a _____ or _____ that travels through a medium.
2. Do the particles in the medium travel with the wave or return to their original position after the disturbance has passed?
3. When people in a stadium do “the wave”, do they change from a different seat or remain in their same seats after being “disturbed”?
4. Do individual particles in a sound wave travel with the disturbance or oscillate back and forth to the same position?
5. What is the third example that the website gives of a transverse wave?

Click on the link: <http://www.acs.psu.edu/drussell/Demos/waves/wavemotion.html>

6. What are mechanical waves?
7. How do transverse waves differ from longitudinal waves?
8. Illustrate and give an example of a transverse and longitudinal wave.

Longitudinal	Transverse
Example:	Example: