



Section 4.1

The Properties of Waves

Before You Read

1. Words to Know

Directions: Match the correct definition to the term on the left. Scan pages 134 – 138 to find the definitions.

Words to Know	Definition
_____ amplitude	A. a disturbance or movement that transfers through matter or space
_____ crest	B. the distance from crest to crest
_____ energy	C. the number of repetitive motions that occur in a given time
_____ frequency	D. highest point in a wave
_____ trough	E. the height of a wave crest
_____ wave	F. lowest point in a wave
_____ wavelength	G. capacity to apply a force over a distance

2. Predicting the Main Ideas of Section 4.1

Directions: Scan pages 134 – 138 looking at the pictures and titles within this section. Predict three things you think you will learn in this section.

1. _____

2. _____

3. _____

