NAME _____
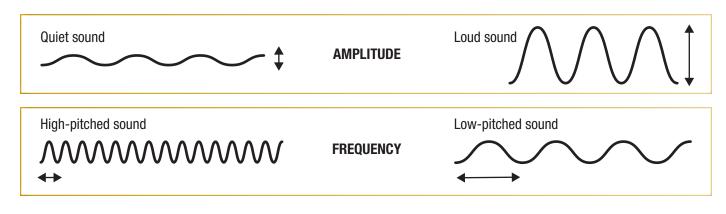
Make a Scary Soundtrack

Filmmakers use all sorts of tricks to up the scare-factor of their movies with spooky music, eerie silences, and frightening sound effects. Let's learn more about the science of scary sound!

Directions Examine these sound wave models. Look at how **amplitude** (the volume of sound) is modeled. Then look at **frequency** (how high- or low-pitched a sound is).

Quiet sound	**AMPLITUDE**	Loud sound

High-pitched sound	**FREQUENCY**	Low-pitched sound

Compare each set of sound wave models. What do you notice when you compare them? _____

_____

_____

Now you try! Use the sound wave models, the examples, and the control sound wave to create your own scary sound waves!

Control sound wave [This sound wave has medium amplitude and frequency]	Whispering
Ghost woo-oo	Scream
Rat squeaking	A creaking door…that slams shut!
Thunder clap	Scary sound of your choice _____