

WAVES Bill Nye Video (*Upload to your website under “Waves” link*)

What are **three things** that travel in waves?

What are **three of the properties** of waves?

Why does light **break into patterns** when it is run through thin slits?

Do **X-rays** have higher or lower frequency than light waves? _____

Define **wavelength**. _____

What causes waves on the ocean?

What are the waves in the Earth called (*Earthquake waves*)? _____

Define **frequency**. _____

Define **amplitude**. _____

What kind of wave travels by **squeezing and spreading**? (*give an example*)

What is it called when a *wave bounces back and comes* back to the source?

What is **Sonar**? _____