

Name \_\_\_\_\_

Date \_\_\_\_\_

## Bill Nye: Waves

1. You and I see, hear, and think with \_\_\_\_\_.
2. Waves carry \_\_\_\_\_.
3. The wave in the speaker, on the screen, in the air, and in the string are all \_\_\_\_\_ forms of the same energy. They are all waves.
4. Low frequency waves are \_\_\_\_\_ apart.
5. The faster you vibrate the spring, the \_\_\_\_\_ the wavelength will be.
6. Energy travels through the wave out in \_\_\_\_\_ directions.
7. All waves have a similar \_\_\_\_\_.
8. \_\_\_\_\_ of electromagnetic waves are light, x-rays, microwaves, radar, radio and television signals.
9. \_\_\_\_\_ have so much energy that they can go through your skin and muscle until they hit your bone.
10. Earthquakes can \_\_\_\_\_ in waves.
11. Earthquake waves are called \_\_\_\_\_ waves.
12. Sonar uses sound waves to find things \_\_\_\_\_.