**Sound Post-Quiz Answer Key**

1. **What is sound?**

**Sound is created by the vibration of air particles.**

1. **What is the difference between a loud sound and a soft sound in terms of pitch?**

**They differ primarily in amplitude and not pitch (frequency).**

1. **Draw sound waves for high-pitch and low-pitch sounds.**

**A high-pitch sound has more waves per unit time, compared to a low-pitch sound.**

**low-pitch 🡪**

**high-pitch 🡪**

1. **When you hum the same note continuously, does it produce a distinguishable waveform?
How about when you scream?**

**A note usually is close to a “sine” in form, while a scream has lots of frequencies.**