



Year 4 Science -Term 3 Week 3 Lesson 2

LO: To understand how sound travels.

Dr. Binocs is getting tired of looking at his laptop screen during this e-learning period. He was busy working on sound with year 4's when he got totally confused. All of the words started to look the same for him. He has asked if you would help him sort the following paragraph out. Please use the video to find the missing words.

Sound by Dr. Binocs.

1. Sound is a wave of _____ that travels through three states of matter; _____, _____ and _____.
2. All sound starts with a _____. When there is movement, it causes vibrations in the molecules, which in turn causes the other molecules around them to also _____. These vibrations going from molecule to molecule help sound to travel.
3. In spaces where there is no state of matter, _____ will not travel. This is because there is no _____ to vibrate.
4. _____ is an important measure of sound.
5. When there are lots of sound waves in a given place, it means the frequency is _____.
6. When the number of waves becomes less, we hear _____ frequency sounds

molecules	high	vibration (2)	liquid	sound	low
gas	mechanical movement	Frequency	solid	vibrations(1)	