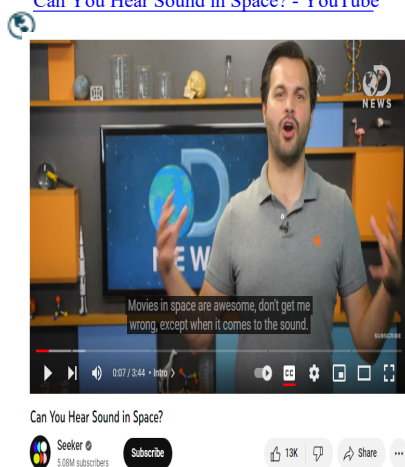
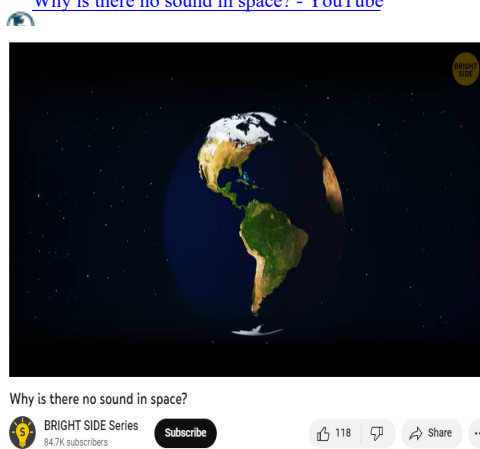


[Can You Hear Sound in Space? - YouTube](#)



3 min

[Why is there no sound in space? - YouTube](#)



28 min

## Sound Can Move in gas

In gas particles, the particles are far apart from each other and they flow freely around filling up the space of the room or container.

When there is a vibration in the air, the particles have to travel farther to bump into the next particle and start it to vibrate. Each particle has a longer distance to travel to meet another particle to keep the vibrations moving along. It doesn't take much to start a wave in gas, but it doesn't travel as fast and it loses energy after a certain distance too.