What produces sound?

*Sounds are made when objects vibrate, and the vibrations travel to enter your ear.*

Why can’t we hear aliens scream in space?

*Sound travels through the vibration of atoms and molecules in a medium (such as air or water). In space, where there is no air, sound has no way to travel.*

When we put our hand on our chest and talk, we can feel different vibrations. Why do the vibrations feel different?

*The vibrations feel different when you talk in different voices because the pitch is changing. The pitch is how high or low a sound is. The pitch of a sound depends on how fast or slow the vibrations are.*

If a sound is high pitched, are the vibrations fast or slow?

*Fast.*
LISTEN UP!

Clip 1 makes me feel: 
_________________________________________________________

Clip 2 makes me feel: 
_________________________________________________________

Clip 3 makes me feel: 
_________________________________________________________

Clip 4 makes me feel: 
_________________________________________________________

Clip 5 makes me feel: 
_________________________________________________________
What jobs do you think sound is used in? List as many as you can think of!

Music, film or theatre production, marketing, forensic audio engineers, marine biologists (use of ultrasound under water), doctors and surgeons (also ultrasound), architects (when designing buildings, we want to look at how we can prevent unwanted sound travelling). Accept any other viable answers- expect some creative ones!

Pick one of the jobs you have listed and draw it below:

Pick one of the jobs you have listed, what skills do you think would make someone good at this job?

Accept any suitting positive skills. For example: organised, methodical, creative, communication skills, team player etc.

What skills do you think you have?

Accept any positive traits. Ask the student to explain why the think they possess this skill? If struggling, prompt by highlighting specific things the student is good at.

Are there any skills you think you need to improve to help you do really well in the future and why?

Personal interpretation- prompts maybe necessary.