Sound

Topic Checklist / Progression Check

I know this colour green	I'm not sure colour yellow	I don't know this colour red

Subtopics and Learning Objectives	Start	End
Making Sounds		
- Explain what causes sounds and how to make sounds louder		
- Explain the link between frequency and pitch		
- Explain the link between amplitude and volume		
Moving Sounds		
- Describe how sound moves through materials		
- Explain why sounds get fainter further from their source		
Detecting Sounds		
- Recall that different animals have different hearing ranges		
- Describe the parts of the ear and their functions		
- To analyse how hearing loss can occur or be improved		
Using Sounds		
- Describe some uses of ultrasound		
- Explain how sonar and echolocation work		
- Calculate speed		
Comparing Waves		
- Identify amplitude, wavelength and frequency on a wave diagram		
- Compare longitudinal and transverse waves		
- Recall that all waves can be reflected		
- Explain what superposition means		

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