

P1.2: **Sound**

Lesson	Objectives Tracker Sheet	Date covered	I know this well	I need to do more work on this
2.1 Waves	Describe the different types of wave and their features			
	Describe what happens when water waves hit a barrier			
	Describe what happens when waves superpose			
2.2 Vibrations and energy transfer	Describe how sound is produced and travels			
	Explain why the speed of sound is different in different materials			
	Contrast the speed of sound and the speed of light			
2.3 Loudness and pitch	Describe the link between loudness and amplitude			
	Describe the link between frequency and pitch			
	State the range of human hearing and describe how it differs from the range of hearing in animals			
2.4 Detecting sound	Describe how the ear works			
	Describe how your hearing can be damaged			
	Describe how a microphone detects sound			
2.5 Echoes and ultrasound	Describe what ultrasound is			
	Describe some uses of ultrasound			