

# SOUND



## Physics

**Written (W)** report, experiment, letter etc.

**Discussion (D)** Summary of learning.

**Practical (P)** with photo and summary.

<u>National curriculum objective</u>	<u>Date completed</u>	<u>Activities</u>
Identify how sounds are made, associating some of them with something vibrating		
Recognise that vibrations from sounds travel through a medium to the ear		
Find patterns between the pitch of a sound and features of the object that produced it		
Find patterns between the volume of a sound and the strength of the vibrations that produced it		
Recognise that sounds get fainter as the distance from the sound source increases.		

### Key Vocabulary (topic words must be spelt correctly throughout topic)

ear canal	pitch	cochlea	nerve
auditory nerve	ear drum	medium	vibrate
sound	object	waves	travel

### Glossary of key terms you want to remember

Cochlea	
Medium	

### Questions that you need to be able to answer by the end of the topic

What is the cause of all sound?

What are the 'mediums' through which sound travels?

Do I know that vibrations from sounds travel through a medium to the ear?

Do I understand how volume effects the strength of vibrations?

Can I find patterns between the pitch of a sound and features of the object that produced it?

Can I recognise that sounds get fainter as the distance from the sound source increases?