

Topic	The human ear	Level	Key Stage 3 (or any course for students aged 11-16)
Outcomes	1. Students can explain the function of the pinna, eardrum ossicles, cochlea and auditory nerve		
Information for teachers	This activity should be used once students have been introduced to and had time to consolidate understanding of i) how sound travels and ii) the structure and function of the human ear. Print slide 2 to A3 to give students room to write in the table.		



funnel



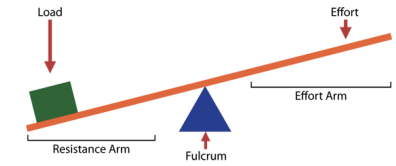
copper wire



drum



water ripple



lever

Structure	Analogous feature (select one of the objects above)	How is the analogue similar to the ear structure?	How is the analogue different to the ear structure?
Pinna			
Eardrum			
Ossicles			
Cochlea			
Auditory nerve			

Now use your knowledge of the structure of the ear to explain how humans hear sound.