

SOUND & LIGHT

Key Stage 2 Science

- Identify what vibrates to make sound.
- Describe the effect of larger vibrations on a sound.
- Identify the shadow made by an object.
- Describe how light travels in straight lines.
- Describe the pupil in an eye as a hole that light can go through.
- Explain how luminous objects can be seen when light from them enters the eye.
- Illustrate how non-luminous objects can be seen when light reflects off them and enters the eye.

From Year 7 PARTICLES

- Arrangement of particles in solids, liquids and gases

Working scientifically

- WS 1.2 Use a variety of models such as representational, spatial, [...] to solve problems, make predictions and to develop scientific explanations and understanding of familiar and unfamiliar facts.
- WS 2.6 Make and record observations and measurements using a range of apparatus and methods.



PRIOR LEARNING



PRE ASSESSMENT



Consolidate prior learning

PEER ASSESSMENT

How well can I show how we see objects?



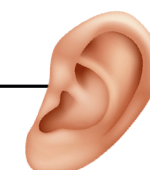
Transmitting sounds through solids, liquids and gases



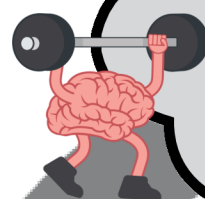
Frequency and pitch



The human ear



KNOWLEDGE ASSESSMENT 2



END OF TOPIC ASSESSMENT



LATER LEARNING

Key Stage 4 Physics

- Waves

SELF ASSESSMENT

How well can I explain how a musical instrument works?



KNOWLEDGE ASSESSMENT 1



TEACHER ASSESSMENT

How well can I explain how coloured objects appear under coloured lights?



Dispersion and colour mixing



Refraction



Pinhole cameras and the human eye



Emitting, absorbing & transmitting light rays

