

“Sound and Light” – Traffic Lights

How is sound created?

What can sound travel through?

How fast can sound travel?

Why can sound not travel in a vacuum?

What is pitch?

What is volume?

How can we change the pitch of a wave?

How can we change the volume of a wave?

What is frequency?

What is amplitude?

What units do we use to measure frequency?

What units do we use to measure amplitude?

What is the normal hearing range for a human

What are the parts of an electronic system?



What are the parts of the ear and what are they for?



What is white light made of?



How can we split white light into many colours?



How can we block certain colours of light?



What is the difference between reflection and refraction?



How can we make any colour of light?



What are the parts of the eye and what are they for?



What effect do concave and convex lenses have on light?



What is the difference between transparent and opaque objects?

