

Science - Year 8 Sound & Light

Pre-assessment
What causes a sound, and how does it travel?

Structure of waves

Volume & pitch

The speed of sound in different media

Peer assessment

How well can I explain how a musical instrument works?

Date _____

OR

Stick your **teacher assessment** here.

Teacher assessment

How well can I work out what colour objects appear to be under coloured lights?

Knowledge assessment 2

Date: _____
Score: _____ / _____

Mixing coloured light

Dispersion

Refraction

Comparing eyes & cameras

The human eye

Comparing light & sound

Application and skills exam

Date: _____
Application: _____ / _____
Skills: _____ / _____

Date _____

OR

Stick your **self assessment** here.

Self assessment

How well can I investigate how light is *refracted* at a boundary?

Date _____

OR

Stick your **peer assessment** here.

The human ear

Audible ranges, infrasound and ultrasound

Knowledge assessment 1

Date: _____
Score: _____ / _____

Emitting, absorbing & transmitting light