

Science - Year 9 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 _____

Date _____

The human eye and cameras

Comparing light & sound

Application and skills exam

Date:

Application: /

Skills: /

Date _____

Teacher assessment

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

The human ear

Audible ranges, infrasound and ultrasound

Knowledge assessment 2

Date:

Score: /

Mixing coloured light

Knowledge assessment 1

Date:

Score: /

Dispersion

Refraction

Self assessment

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

Emitting, absorbing & transmitting light