

S1 Pyrotechnics Science Outcomes

The Ear

- ❑ Identify the main structures of the ear.
- ❑ Describe the functions of each structure.

The Eye

- ❑ Identify the main structures of the eye.
- ❑ Describe the functions of each structure.

Sound

- ❑ Describe the volume and pitch of sounds from oscilloscope diagrams.
- ❑ Draw wave diagrams to represent different volumes and pitch.

Light

- ❑ Describe how light travels.
- ❑ Describe refraction.
- ❑ Give examples of practical uses of refraction.
- ❑ Explain how a visible spectrum is produced when white light passes through a spectrum.
- ❑ Identify the waves in the electromagnetic spectrum.
- ❑ Describe everyday uses of electromagnetic waves.

Periodic Table

- ❑ Identifying elements in the periodic table by their name and symbol.
- ❑ Identifying groups and properties in the periodic table.
- ❑ Identify elements, mixtures and compounds from particle diagrams.
- ❑ Compare the properties of elements, mixtures and compounds.

Chemical Reactions

- ❑ Identify signs of a chemical reaction.
- ❑ Identify factors that can affect the rate of reaction.
- ❑ Write word equations to represent reactions.