Science Sets W,X,Y, Z Curriculum Map: Year 7

Solids Liquids and Gasses



Space

Magnetism



- Lab safety
- Use of common equipment
- Taking measurements

AUTUMN TERM

Intro to Lab Work



Changes of State

- Our solar system
- Features of planets
- Phases of the moon
- Days and Seasons
- Properties of magnets
- Uses of magnets
- Electromagnets

Body Systems









SPRING TERM











- Features of animal and plant cells
- Microscopy
- Specialised cells

• Structure of the earth

- Volcanoes
- Fossils
- Climate Change

Lungs and Respiration



Separating Mixtures

• The heart and circulatory system

• The human skeleton

The blood



Energy



All pupils in sets W, X, Y and Z will cover all units. The order may change to allow for sharing of lab space and resources.

Topics will be streamed covering KS1, 2 and 3 material in line with the needs of each pupil group.

SUMMER TERM

Plants



- Plant Reproduction
- Germination
- Plant nutrition

- Structure of the lungs
- Effect of exercise on the lungs
- Adaptations of the lungs

- Filtration
- Chromatography
- Crystalisation Distillation

- Types of Energy
- Uses of Energy
- Energy Transfers