

# Year 7 Autumn Summative Assessment Revision List

## Practical skills

- Name common pieces of lab equipment used in science.
- State the names of common hazard symbols used in science.
- State the metric units for length, mass, volume, time and temperature.
- Describe meaning of independent, dependent and control variables and apply within the context of everyday scenarios.

## Cells and reproduction

- State the different levels of organisation.
- Label an animal and plant cell.
- Describe the functions of the different organelles are limited to the nucleus, cell membrane, cytoplasm, cell wall, mitochondria, chloroplasts & vacuole.
- Compare similarities and differences between animal and plant cells.
- Recall different specialised cells and how they are adapted in order to carry out their function in animals and plants.
- State the structural adaptations of some unicellular organisms.
- Identify male and female gametes, where they are produced and how they are involved in fertilisation.
- Describe how the menstrual cycle is (without details of hormones) linked to gestation and birth and how maternal lifestyle can impact foetal development.

## Particles

- State the differences between atoms, elements and compounds.
- Describe the properties of solids, liquids and gases in terms of the particle model.
- Describe the different changes of state - melting, freezing, evaporating, condensing and sublimation.