

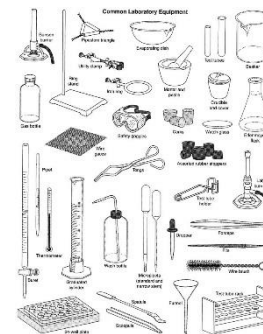
Trilogy Unit Overview – C3 Chemical quantities and calculations

You will learn about:

- The conservation of mass and relative formula mass.
- Moles and the amount of substances in equations.

You will be able to:

- Calculate relative formula mass and moles.



Key Words

Moles
Relative Atomic Mass
Relative Formula Mass
Avogadro Constant
Atomic mass
Conservation of mass
Atomic number

Key learning points

Conservation of mass	
Relative formula mass	
Mass changes of gases in reactions	
Moles	
Amount of substances in equations	
Limiting reactants	
Moles in solutions	

Links to other subjects:

SMSC: Understand and appreciate the impacts of human development on the environment and describe the effects that this is having.

Literacy: Describe observations in practical work. Explain the development of periodic table and the structure of the atom. Describe how reactivity and trends are linked to position in the periodic table.

Numeracy: Use decimal and standard form, make simple calculations, use appropriate significant figures, construct tables and histograms, visualise and represent models in a 2D form and change the subject of an equation.