

Year 8

Term 2

SCIENCE

Course Content

The course begins with topics in chemistry. The particle theory of matter will be studied and used to explain the properties of different states of matter. Students will explore the differences between metals and non-metals. The concepts of elements, compounds and mixtures will be covered. Learners will do several investigations throughout this course where they will apply their scientific enquiry skills learnt in term 1.

Resources

- Science checkpoint 2
 - Chapter 8, The particle theory
 - Chapter 9, Elements and atoms
 - Chapter 10, Elements, compounds and mixtures
 - Chapter 11, Metals and non-metals
 - Chapter 12, Chemistry in everyday life
- Further resources and links will be posted on *edmodo*.

Assessment

- Investigation and experimental reports 20%
- Worksheets 20%
- End of topic tests 60%
 - The particle theory
 - Elements and atoms
 - Elements, compounds and mixtures
 - Metals and non-metals
 - Chemistry in everyday life