



CANBERRA HIGH SCHOOL - Learning overview for Term 1

Subject: Science

During Term 1, Year 7 will be exploring Chemical Sciences.

In Science, students develop proficiency in; understanding, human endeavour and inquiry skills.

Students build and consolidate skills in:

- Problem solving
- Planning and conducting scientific investigations
- Investigating and constructing lab reports
- Analysing and applying data
- Understanding the relationships between scientific research, society, environment and technological developments

Most Work will be available through the Google Classroom and is expected to be completed in this platform. If you have any queries about the work posted on google classroom please contact teachers via email.

| Week | Topic | Content/Activity/Tasks |
|------|---------------------------|---|
| 1 | Introduction to Science | <ul style="list-style-type: none">• Introduction to the Science laboratory and safety• Branches of Science |
| 2 | Scientific equipment | <ul style="list-style-type: none">• Identify scientific equipment and their uses• Measurement and estimation |
| 3 | The Bunsen Burner | <ul style="list-style-type: none">• Introduction to the Bunsen burner |
| 4 | Scientific Inquiry skills | <ul style="list-style-type: none">• Bunsen burner licence• Scientific Inquiry and lab report writing skills |
| 5 | Substances and mixtures | <ul style="list-style-type: none">• Mixtures vs pure substances• Separation techniques |
| 6 | Separation techniques | <ul style="list-style-type: none">• Evaporation and filtration practical tasks |
| 7 | Practical assessment | <ul style="list-style-type: none">• Separation techniques practical task |
| 8 | Review and topic test | <ul style="list-style-type: none">• Revision and test |
| 9 | Chromatography | <ul style="list-style-type: none">• Chromatography• Practical tasks |