

SCIENCE

Psychology & Biology

10PSY

SUBJECT DESCRIPTION:

This unit focuses on introducing Psychology as the scientific study of thoughts, feelings and behaviour. Students will be taken on a tour of the brain and nervous system, explore careers in Psychology, look at how research is conducted in Psychology and actively participate in data collection, explore how our bodies are regulated and investigate human behaviour.

After completion of this course, students will be able to:

- describe the structure and function of the brain and parts of the nervous system
- outline the scientific method and research in Psychology
- describe behaviour and control and regulation.

VCE SUBJECT LINKS

Psychology

Biology

THIS SUBJECT ENHANCES LEARNING IN:

Scientific investigation research and data collection and understanding being human.

ASSESSMENT:

- Examination
- Tests
- Practical work
- Assignments

Physics & Chemistry

10PHC

SUBJECT DESCRIPTION:

In this subject, students will investigate the motion of physical objects, as well as the placement of elements within the periodic table and the ways in which they react with each other. Students investigate the atomic structure and properties of the elements within the periodic table. They will also be able to describe how chemical reactions can result in a range of useful substances.

After completion of this course, students will be able to:

- measure distance, time, velocity, mass acceleration and force
- outline the structure and purpose of the periodic table
- describe the factors that influence the rates of chemical reactions.

VCE SUBJECT LINKS

Physics

Chemistry

THIS SUBJECT ENHANCES LEARNING IN:

Scientific investigation skills, creative and design thinking, how to describe and measure motion and chemical reactions.

ASSESSMENT:

- Examination
- Tests
- Practical work
- Assignments