

TECHNOLOGY

Information Technology

10ITC

SUBJECT DESCRIPTION:

This elective focuses on developing students' understanding of information processing techniques while developing, building and hosting website skills, working with databases, and developing knowledge of object-oriented programming language.

In this unit, students will study:

- Website design: implementation and hosting
- Database design: hosting and security
- The fundamentals of the Python programming language, along with programming best practices
- Investigation, design, production and evaluation skills and techniques

VCE SUBJECT LINKS

Applied Computing

Product Design and Technology

VCE VET Creative and Digital Media

THIS SUBJECT ENHANCES LEARNING IN:

All technology subjects that use the design process.

Mathematics

Science

ASSESSMENT:

- Website and database project
- Programming projects

Food for Life

10FFL

SUBJECT DESCRIPTION:

Food for Life focuses on advancing existing knowledge of foods and nutrition and gives an insight into VCE Food Studies. Students research reliable information sources and dietary related diseases. Production of food reflects the nutritional theory. In the second term, students study the ethics and sustainability of egg production, egg nutrition and the function of eggs in baking and nutrition. Consideration of the environment and sustainability are also explored.

In this unit, students will study:

- Principles of hygienic and safe preparation of food
- Nutrition and food models
- The design process
- Dietary diseases
- Organisation and time management in the kitchen

VCE SUBJECT LINKS

Food Studies

THIS SUBJECT ENHANCES LEARNING IN:

Health, Humanities, Maths, Science

ASSESSMENT:

- Research tasks, investigation tasks and production
- Practical activities/cooking
- Examination