

## Future Foods

### Level 7-8

#### Critical and Creative Thinking

Suspend judgements temporarily and consider how preconceptions may limit ideas and alternatives ([VCCCTQ033](#))

#### Design and Technologies

Examine and prioritise competing factors including social, ethical, economic and sustainability considerations in the development of technologies and designed solutions to meet community needs for preferred futures ([VCDSTS043](#))

Analyse how food and fibre are produced when creating managed environments and how these can become more sustainable ([VCDSTC046](#))

Analyse how characteristics and properties of food determine preparation techniques and presentation when creating solutions for healthy eating ([VCDSTC047](#))

#### Science

Scientific knowledge and understanding of the world changes as new evidence becomes available; science knowledge can develop through collaboration and connecting ideas across the disciplines and practice of science ([VCSSU089](#))

Science and technology contribute to finding solutions to a range of contemporary issues; these solutions may impact on other areas of society and involve ethical considerations ([VCSSU090](#))

### Level 9-10

#### Critical and Creative Thinking

Suspend judgements to allow new possibilities to emerge and investigate how this can broaden ideas and solutions ([VCCCTQ044](#))

Challenge previously held assumptions and create new links, proposals and artefacts by investigating ideas that provoke shifts in perspectives and cross boundaries to generate ideas and solutions ([VCCCTQ045](#))

#### Design and Technologies

Critically analyse factors, including social, ethical and sustainability considerations, that impact on designed solutions for global preferred futures and the complex design and production processes involved ([VCDSTS054](#))

Investigate and make judgements on the ethical and sustainable production and marketing of food and fibre ([VCDSTC057](#))

Investigate and make judgements on how the principles of food safety, preservation, preparation, presentation and sensory perceptions influence the creation of food solutions for healthy eating ([VCDSTC058](#))

#### Geography

Environmental, economic and technological factors that influence crop yields in Australia and across the world ([VCGGK134](#))

The interconnection between food production and land and water degradation; shortage of fresh water; competing land uses; and climate change, for Australia and other areas of the world ([VCGGK135](#))

Human alteration of biomes to produce food, industrial materials and fibres, and the environmental effects of these alterations ([VCGGK136](#))

Challenges in feeding the current and projected populations of Australia and the world, and responses to these challenges ([VCGGK138](#))

#### Science

Advances in scientific understanding often rely on developments in technology and technological advances are often linked to scientific discoveries ([VCSSU115](#))

The values and needs of contemporary society can influence the focus of scientific research ([VCSSU116](#))