

Food and wellbeing: Science

Science

The Australian Curriculum addresses learning about food and wellbeing predominantly in Health and Physical Education (HPE) and Design and Technologies, however there are opportunities to make connections with aspects of Science, in particular biological sciences and science as a human endeavour.

Food and wellbeing dimensions

Science - Foundation to Year 2

Foundation

Science understanding

Biological sciences

Content descriptions with elaborations

Living things have basic needs, including food and water (ACSSU002)

- identifying the needs of humans such as warmth, food and water, using students' own experiences

Year 1

Science understanding

Biological sciences

Content descriptions with elaborations

Living things have a variety of external features (ACSSU017)

- describing the use of plant parts for particular purposes such as making food and obtaining water

Living things live in different places where their needs are met (ACSSU211)

- exploring different habitats in the local environment such as the beach, bush, backyard

Science as a human endeavour

Nature and development of science

Content description with elaborations

People use science in their daily lives, including when caring for their environment and living things (ACSHE022)

- considering how science is used in activities such as cooking, fishing, transport, sport, medicine, farming and caring for plants and animals
- considering that technologies used by Aboriginal and Torres Strait Islander people require an understanding of how materials can be used to make tools and weapons, musical instruments, clothing, cosmetics and artworks

Year 2

Science understanding

Chemical sciences

Content description with elaboration

Different materials can be combined, for a particular purpose (ACSSU031)

- suggesting why different parts of everyday objects such as toys and clothes are made from different materials

Science as a human endeavour

Nature and development of science

Content descriptions with elaborations

Science involves observing asking questions about, and describing changes in, objects and events (ACSHE034)

- suggesting how everyday items work, using knowledge of forces or materials

Use and influence of science

Content descriptions with elaborations

People use science in their daily lives, including when caring for their environment and living things (ACSHE035)

- finding out about how Aboriginal and Torres Strait Islander people use science to meet their needs, including food supply
- exploring how different cultures have made inks, pigments and paints by mixing materials