# NZ Curriculum Mapping: 2040 – Solutions to Climate Change – Science – Year 10

# Science

## Curriculum Level 4

### Nature of Science

Communicating in Science

* Begin to use a range of scientific symbols, conventions, and vocabulary.

Participating and Contributing

* Use their growing science knowledge when considering issues of concern to them.
* Explore various aspects of an issue and make decisions about possible actions.

## Curriculum Level 5

### Nature of Science

Communicating in Science

* Use a wider range of science vocabulary, symbols, and conventions.

Participating and Contributing

### Develop an understanding of socio-scientific issues by gathering relevant scientific information in order to draw evidence-based conclusions and to take action where appropriate.

### Planet Earth and Beyond

Earth Systems

* Investigate the composition, structure, and features of the geosphere, hydrosphere, and atmosphere.

Interacting Systems

### Investigate how heat from the Sun, the Earth, and human activities is distributed around Earth by the geosphere, hydrosphere, and atmosphere.

## Curriculum Level 6

### Nature of Science

Communicating in Science

* Use a wider range of science vocabulary, symbols, and conventions.

Participating and Contributing

* Develop an understanding of socio-scientific issues by gathering relevant scientific information in order to draw evidence-based conclusions and to take action where appropriate.

### Planet Earth and Beyond

Interacting Systems

* Develop an understanding of how the geosphere, hydrosphere, atmosphere, and biosphere interact to cycle carbon around Earth.