

Science in the New Zealand Curriculum

The Physical World



Mieke Smits



The Physical World

Light

Heat

Sound

Mechanisms

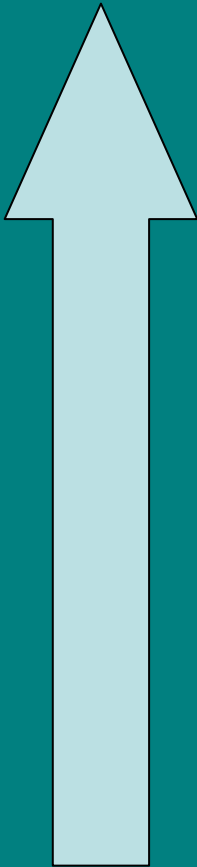
Electricity

Magnetism

Other topics

The Physical World

**Gradual progression
of skill development
in:**



Sophisticated explanations

Complex descriptions

Identifying and describing

Language skills

Exploring and observing

Existing knowledge

The Physical World

Level 3

For example students can:

Investigate and describe ideas about some commonly experienced phenomena

The Physical World

Level 4

For example students can:

Investigate and offer explanations for commonly experienced phenomena and compare their ideas with scientific ideas

The Physical World

Level 5

For example students can:

Carry out simple investigations, with control of variables, into common physical phenomena, and relate their findings to scientific ideas