

# Science in the New Zealand Curriculum

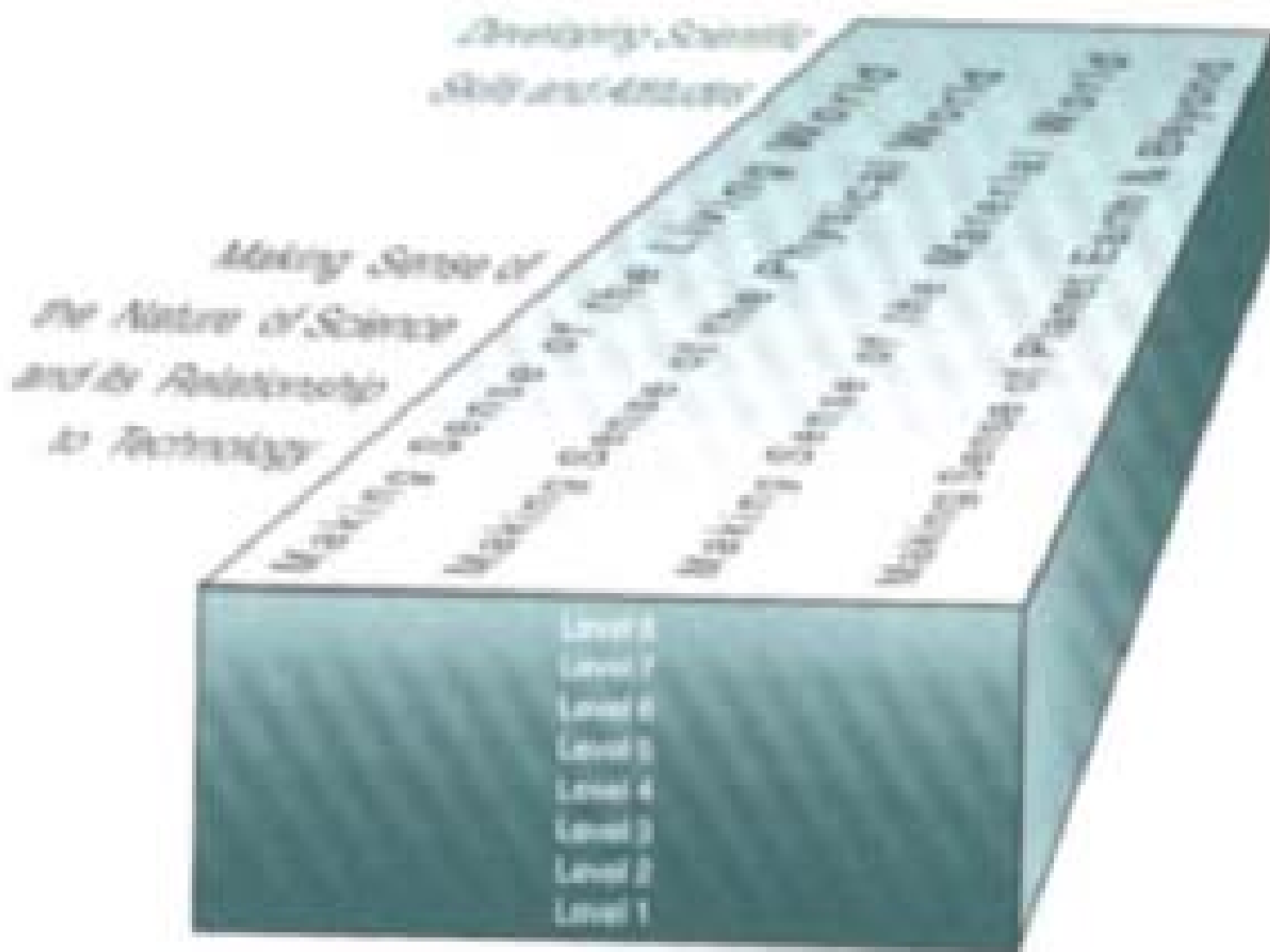
## Overview

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# Three Dimensional Matrix of Science Curriculum



# Six Strands of the Science Curriculum



Four Content strands and two Integrated Strands

# Strands and Levels of Achievement

- ❑ Each of the strands has 8 levels
- ❑ Students in a year 8 class (aged 11 – 13) could be anywhere between level 2 and level 5 but on average level 3 – 4
- ❑ Students may be at a different level in different strands
- ❑ The science curriculum allows all children to be catered for easily and teachers have a clear idea what is the next stage of development.

# Summary

- ❑ The document is divided into 6 strands, and each strand has 8 levels
- ❑ The four content strands are:  
Making Sense of the;  
Living World, Material World, Physical World, and Planet Earth and Beyond
- ❑ Two Integrated strands  
Developing Scientific Skills and Attitudes and Making Sense of the Nature of Science and Technology
- ❑ Each Strand has Achievement Aims- Overall Concepts to be mastered, and are divided into eight levels
- ❑ Each level then has Achievement Objectives which break the Achievement Aims into smaller chunks that teachers then plan lessons from to help students gain increasingly sophisticated knowledge and understandings