

Links to the New Zealand Curriculum for the Unit Book

8+yrs

Should you and your child/children be choosing to follow the NZ Curriculum, we have outlined relevant links:

Learning Areas:

Science (Levels 3-4):

- Planet Earth and Beyond - Earth Systems:
 - Investigate the processes that shape Earth's surface, including volcanic activity, plate tectonics, and the rock cycle.
- Nature of Science - Investigating in Science:
 - Ask questions, find evidence, explore simple models, and carry out appropriate investigations to develop explanations.
- Living World - Ecology:
 - Explore how living things interact with their environment.

Social Sciences (Levels 3-4):

- Understanding the Environment:
 - Understand how people's interactions with natural and cultural environments have shaped their lives.
- Understanding Culture and Heritage:
 - Understand how different cultures interpret and explain natural phenomena.

Mathematics and Statistics (Levels 3-4):

- Number and Algebra - Number strategies:
 - Use simple calculations to understand concepts related to volcanic activity.
- Geometry and Measurement:
 - Measure and compare physical quantities.

English (Levels 3-4):

- Listening, Reading, and Viewing:
 - Read and comprehend informational texts about volcanoes and related phenomena.
 - View and interpret visual media related to volcanic activity.
- Speaking, Writing, and Presenting:

- Write and present descriptions, stories, and explanations related to volcanic activity and cultural stories.

The Arts (Levels 3-4):

- Visual Arts:
 - Develop ideas in the visual arts in response to a variety of motivations, including the study of natural phenomena.
- Drama:
 - Develop drama techniques to create a role and to present scripted and improvised drama for a range of purposes.

Technology (Levels 3-4):

- Technological Practice:
 - Plan and create models and simulations of volcanic phenomena.
- Nature of Technology:
 - Understand how technology helps us study and understand natural events like volcanic eruptions.

Health and Physical Education (Levels 3-4):

- Personal Health and Physical Development:
 - Describe how people's physical and social environments affect their well-being.
- Movement Concepts and Motor Skills:
 - Apply movement skills in games and activities that replicate natural phenomena.

Key Competencies:

- Thinking:
 - Developing understanding through practical activities and exploring concepts related to tectonic plate movements.
- Using language, symbols, and texts:
 - Describing and labeling parts of a volcano, creating and labeling tectonic plate models, and drawing and labeling landscapes.
- Managing self:
 - Following instructions and completing tasks independently or in groups.
- Relating to others:

- Engaging in discussions and group activities, sharing discoveries, and presenting and discussing dioramas.
- Participating and Contributing:
 - Engaging in discussions and group activities, sharing cultural stories and perspectives, and presenting and discussing craft projects.

Values:

- Excellence:
 - Encouraging the pursuit of high standards in learning and activities.
- Innovation, Inquiry, and Curiosity:
 - Fostering a sense of inquiry and curiosity about natural phenomena.
- Diversity:
 - Respecting and exploring diverse cultural perspectives and stories related to volcanoes.
- Community and Participation:
 - Engaging with family and peers in learning activities and discussions.
- Integrity:
 - Encouraging honest and accurate observations and descriptions during experiments and activities.
- Respect:
 - Promoting respect for natural phenomena and cultural stories.



The Wildering Nook