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):

- Living World - Life Processes: Investigate the characteristics, needs, and adaptations of living things in relation to their habitat.
- 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 and the impact of human activities on these relationships.

Social Sciences (Levels 3-4):

- Understanding the Environment: Understand how people's interactions with natural and cultural environments have shaped their lives, such as how traditional knowledge and practices contribute to the understanding of animal behaviors and conservation efforts.
- Understanding Culture and Heritage: Explore the cultural stories and significance of different animals and their roles in various cultures.

Mathematics and Statistics (Levels 3-4):

- Number and Algebra - Number strategies: Use simple calculations to understand concepts related to animal behaviors and adaptations (e.g., using Speed = Distance ÷ Time in the "Speed Maths Challenge").
- Geometry and Measurement: Measure and compare physical quantities (e.g., distances animals can jump, lengths of animals, heights animals can reach).

English (Levels 3-4):

- Listening, Reading, and Viewing: Read and comprehend informational texts about animals and their adaptations. View and interpret visual media related to animal behaviors and habitats.
- Speaking, Writing, and Presenting: Write and present descriptions, stories, and explanations related to animals and their unique traits.

The Arts (Levels 3-4):

- Visual Arts: Develop ideas in the visual arts in response to a variety of motivations, including the study of animal adaptations and behaviors.
- 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 animal behaviors and habitats.
- Nature of Technology: Understand how technology helps us study and understand animal adaptations and behaviors.

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 animal behaviors.
- Healthy Communities and Environments: Explore how healthy food choices, such as those produced through pollination, contribute to overall well-being and the environment.

Key Competencies:

- Thinking: Developing understanding through practical activities and exploring concepts related to animal adaptations and behaviors.
- Using language, symbols, and texts: Describing and labeling parts of animals, creating and labeling models of animal habitats, and drawing and labeling animals in their environments.
- 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 projects.
- Participating and Contributing: Engaging in discussions and group activities, sharing cultural stories and perspectives, and presenting and discussing creative 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 animal behaviors and adaptations.
- Diversity: Respecting and exploring diverse cultural perspectives and stories related to animals.
- 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 animals and their natural behaviors.