Sharing the Planet
A Primary Years Programme Unit of Inquiry

Central Idea
Living things within an ecosystem are interdependent

Lines of Inquiry
- Relationships between energy and living things
- Significance of adaptations for survival
- Human actions that impact the environment

Transdisciplinary Skills
Thinking: synthesis
Social: cooperating
Research: observing
Communication: non-verbal communications
Self-management: healthy lifestyles

Key Concepts
Connection: How is it connected to other things?
Causation: Why is it like it is?
Responsibility: What is our responsibility?

Attitudes
Cooperation
Curiosity

Action
What can you do with your new learning? Be sure to share action with your class!

Books for Inquirers
- Feathers and Fools by Mem Fox
- Oliver Button is a Sissy by Tomie De Paola

Books for Caring
- The Name Jar by Yangsook Choi
- The Empty Pot by Demi

Transdisciplinary Theme:
Sharing the planet
An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.
Reading
Using the structure of literary and informational text facilitates and extends comprehension.
- How can I draw on specific details from the text to explain the characters, setting, or events?
- How does comparing first and third person point of view deepen text interpretation?
Collaborative discussions enhance understanding of presentations and written text.
- How does preparation for and participation in discussions contribute to the understanding of ideas?

Writing
Different purposes for writing require different components.
- How do writers choose words and use sensory details to convey specific thoughts, ideas, or experiences precisely?
- How do writers support opinions with details and elaborations that connect back to the topic of the opinion?

Math
Place value provides meaning to the digits in multi-digit whole numbers.
- What strategies can be used to read, write, and compare multi-digit whole numbers?
- How does understanding place value help in rounding multi-digit numbers?
The structure of the base-ten system is uniform, and base-ten units can be understood in terms of other base-ten units.
- What generalizations can be made about place value patterns?
- What strategies can be used to read, write, and compare multi-digit whole numbers?
- How does understanding place value help in rounding multi-digit numbers?

There are relationships among the four operations
- What are the relationships among factors, products, and quotients?
- How is a multiplicative comparison different from additive comparison?
- How can you model, represent, and interpret addition, subtraction, multiplication, and division?

Physical Education
Movement and goal setting are interdependent within a fitness program.
- What goals should you have while dribbling the soccer ball?
- Why is cooperation important while passing the soccer ball?
- What connection do dribbling and passing have and what is your responsibility while playing on a team?

Music
Conducting meter is essential for creating ensemble.
- What movements show conducting in a meter of three? Of four?
- What musical elements does the conductor show?

Art
Creating artwork serves specific purposes, whether decorative and/or functional, which influences artistic design history.
- What influences artistic design?
Aesthetic standards are developed and used to judge artworks.
- How are aesthetic standards determined?
- What criteria can be used to judge artwork?

Media
Recording information in a variety of formats allows us to identify main ideas and supporting details and compare and contrast information.
- How can selecting a recording format and applying good note-taking strategies help us to evaluate the information we collect to create new understanding?