

Sharing the Planet (Feb 18 - April 5, 2019)

CENTRAL IDEA: Living things are dependent on Earth's natural resources

Lines of Inquiry:

Characteristics of living things (Form)

How living things survive in their environment (Connection)

The impact of changes to Earth's natural resources on living things (Causation)



TEACHER QUESTIONS:

What is a living thing? What are different types of living things?

What helps a living thing survive?

What would happen if we ran out of natural resources?

What is our responsibility to the earth?

LEARNER PROFILE ATTRIBUTES:

Principled
Caring
Thinkers

RELATED CONCEPTS:

Survival
Behaviour
Characteristics
Preservation

VOCABULARY:

survival	characteristics	environment
physical	behaviors	features
behavioral	function	adaptation

KEY CONCEPTS:

Form
Causation
Connection



APPROACHES TO LEARNING:

Communication

Reading - non-fiction texts

Writing - report writing

Research

Formulating Questions

Collecting and Recording Data

Organizing Data - graphic organisers

Presenting Research Findings



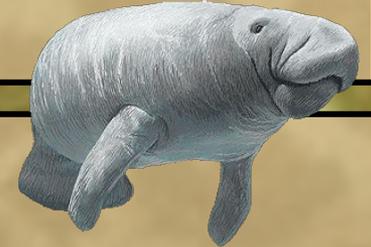
LITERACY FOCUS:

Reading

- identify some non-fiction text features and explain how they help readers understand texts
- demonstrate understanding of a text by retelling the story or restating information from the text, including the main idea

Writing

- write to inform - reports
- gather information to support ideas for writing in a variety of ways and/or from a variety of sources
- sort ideas and information for their writing in a variety of ways, with support
- identify and order main ideas and supporting details
- determine whether the ideas and information they have gathered are suitable for the purpose
- identify elements of their writing that need improvement, including punctuation, content, organization, and style
- make simple revisions to improve content, organization, clarity of written work
- add, change, delete or rearrange words to enhance meaning and interest



MATH FOCUS:

Measurement (Linear, Mass, Capacity)

- understand that tools can be used to measure
- understand the use of standard units to measure length, capacity and mass
- identify, compare and describe attributes of real objects, for example, longer, shorter, heavier, lighter
- compare the length, capacity and mass of objects using non-standard units eg. blocks, string etc
- use non-standard units to solve problems in real-life situations involving length, capacity and mass
- estimate, measure and record lengths, heights, and distances

Number Sense

- Demonstrate an understanding of magnitude by counting forward to 100 and backwards from 20
- Count forward by 1's, 2's, 5's, and 10's to 100, using a variety of tools and strategies
- Count backwards by 1's from 20 and any number less than 20 (e.g., count backwards from 18 to 11)
- Count backwards from 20 by 2's and 5's, using a variety of tools (e.g., number lines, hundreds charts)
- Place value

SUCCESS CRITERIA:

- understanding of the central idea and concepts
- use of subject specific vocabulary
- application of the skills listed
- demonstration of the assigned attitudes and attributes
- describe and explain how Earth's resources are used
- explain our responsibility for conserving the resources that living things depend on

WAYS TO SUPPORT LEARNING AT HOME:

- visit various places where you can observe different animals and how they survive in their environment (e.g. Hong Kong Botanical Gardens, Ocean Park, Mai Po Nature Reserve, The Wetland Park, etc.)
- look for animal-related books and documentaries to share as a family and discuss the characteristics of different animals that help them survive in their environment
- Use the CDNIS Library online resources
- explore non-fiction texts and their features
- visit the LS Primary Library page for related websites

