HWOO (Stories of Exploration) Unit Overview

Grades 4-5	Unit 1	Duration: 6 Weeks

Transdisciplinary Theme

An inquiry into systems, structures and networks through: interactions with and between social and ecological systems; approaches to livelihoods and trade practice - intended and unintended consequences.

Central Idea & Lines of Inquiry

Central Idea: *Understanding stories of exploration helps us see different sides of an encounter and understand how our world changed.*

An inquiry into…

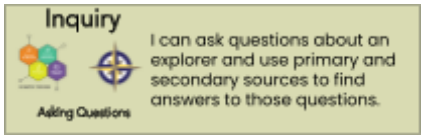
- Human motivations for exploration and their intended consequences.
- The role of maps and navigation in exploration
- The different perspectives and impacts of exploration.

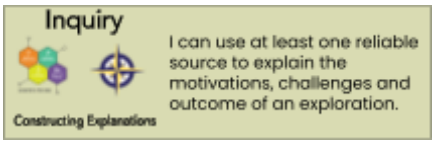
Key & Related Concepts

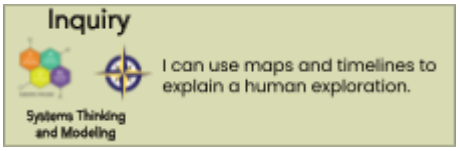
Key Concepts: *Causation, Perspective*

Related Concepts: *Maps and Navigation, Consequences/Impact*

Student Learning Targets







IB Learner Profile Attributes

Inquirers *Knowledgeable* *Communicators*

Key Vocabulary

Exploration; History; Motivation; Consequences; Intended; Unintended; Compass Rose; Direction; Perspectives, Maps, Navigation, Impact

FIS Learning Models and UN SDG







Unit Description

In this unit, students act as food scientists investigating the chemistry of preservation through our local late-season harvest. By modeling invisible changes and testing preservation methods like pickling and freezing, learners gain the scientific skills needed to innovate for a sustainable future.