



Teacher's Guide

The Sea of Ice

Moko

Grade Levels:

K-5

Subject Areas:

Reading

Writing/Composition

Media Literacy/Critical Thinking

Earth Sciences

Synopsis:

One night, Moko gets very cold in his boat. He huddles down and tries to sleep, but when he awakens the boat is no longer moving! He begins to play his flute and slowly the ice begins to melt. When Moko realizes he is moving again he sees a great coastline in front of him—it must be the edge of the world!

Learning Objectives: Students will:

- Enjoy the origin story presented in this program.
- Understand how ice and sea ice form.
- Evaluate Moko's reasoning and conclusions.

Vocabulary:

Ice, Winter, Freezing, Celsius, Temperature

Pre-Viewing Discussion:

Do you ever put ice in your water? How do you think the ice affects your glass of water?

Post-Viewing Discussion:

Why did Moko's boat stop moving? Why did ice form around his boat?

What causes sea ice to form? How is it different from the ice you put in your drinks?

Further Activities:

Bring in an ice cube tray and fill it with water. How long does it take for the water to freeze? How cold does it have to be?

Learn more about Polar Bears and how they rely on sea ice for survival.