



# World of Winter

**Target Audience:** K- 5<sup>th</sup> grade

**Description:** “World of Winter” is designed to help students understand and appreciate how animals, plants and their habitats change in the winter. Over the six session curriculum, students are introduced to new concepts and challenged to develop their observation, measurement, and communication skills.

**Format:** Each of these sessions can be presented in one class period from 45-60 minutes.

Session 1: Why the Earth has Seasons

Students are given background information and asked to discuss what they have read with the group and build models of the earth to explore the earth’s tilt and what happens to the sun during winter.

Session 2: Coping with the Cold

Youth play a matching game involving key words and do an activity with feathers to demonstrate how birds stay warm in the winter.

Session 3: All About Snow

Youth read a picture book, explore how snowflakes are made by building their own snowflakes, and make winter collages.

Session 4: Ice Observation

Youth explore key words in the water cycle, work cooperatively in small groups while doing a variety experiments with ice, and watch a short video about The Arctic and Antarctica.

Session 5: World of Weather

Students learn about The Arctic. Youth learn about igloos by reading a story and then building their own.

Session 6: The Antarctic

Students read stories and facts about the Antarctic while learning key words. Youth build their own glacier in a cooperative group setting.

The “World of Winter” curriculum and activity kit can be borrowed for one month.