

1<sup>st</sup> Grade 4th Day  
Science Literacy Connection 2

## Seasons and Weather

**Standard 2:** Earth and Space Science. Students will gain an understanding of Earth and Space Science through the study of earth materials, celestial movement, and weather.

**Science Language:** data, foggy, globe, identify, map, models, precipitation, record, season, weather

**Objective 3:** Compare and contrast seasonal weather changes.

1. Identify characteristics of the seasons of the year.
2. Identify characteristics of weather, e.g., types of precipitation, sunny, windy, foggy, and cloudy.
3. Observe and record weather information within each season.

**Big Idea-**Seasonal weather changes occur each year.

### Language Arts Connection Strategies

- The teacher can read literature about seasons and together with students, identify and chart the characteristics of each season. Encourage students to add information from their own background knowledge. As seasonal changes occur during the school year, the characteristics can be identified and new observations can be recorded on existing chart.
- Students can be introduced to weather by using a graphic organizer (What You Know, What You Want to Know, What You Have Learned [KWL Chart]). Student background knowledge can be used to complete the first two sections. Students can research literature on weather in order to complete the last section of the chart.
- Working as partners, students can keep a daily journal of the weather by drawing pictures and/or writing. Weekly class discussions on student findings will generate conclusions about how weather is affected by seasonal changes. Any observations made by students or groups that don't agree can be followed by continued observation.
- A class graph can be recorded each day.

### Books:

- *The Reasons for the Seasons*, by Gail Gibbons, ISBN-13: 978-0-8234-1238-0
- *It's Spring!*, by Linda Glaser, ISBN-0-7613-1345-1
- *Its' Summer!*, by Linda Glaser, ISBN-0-7613-1757-0

- *It's Fall!*, by Linda Glaser, ISBN 0-439-40017-1
- *It's Winter!*, by Linda Glaser, ISBN 0-7613-1680-9
- *What Will the Weather Be?*, by Lynda DeWitt, ISBN-13: 978-0-06-445113-0
- *When Winter Comes*, by Nancy Van Lann, ISBN 0-689-81778-9
- *Winter At Long Pond*, by William T. George, ISBN 0-440-83110-5
- *The Big Snow*, by Berta and Elmer Hader, ISBN 0-590-44438-5
- *Round and Round the Seasons Go*, Rozanne Lanczak Williams, ISBN -13: 978-0-916119-40-0
- *The Four Seasons*, by Rozanne Lanczak Williams, ISBN-13: 978-0-916119-28-7
- *What's the Weather Like Today?*, by Rozanne Lanczak Williams, ISBN 0-916119-41-6
- *The Seasons of Arnold's Apple Tree*, by Gail Gibbons, ISBN 0-15-271245-3
- *Fresh Fall Leaves*, by Betsy Franco, ISBN 0-590-27363-9
- *In November*, by Cynthia Rylant, ISBN 0-15-201076-9
- *The Apple Pie Tree*, by Zoe Hall, ISBN 0-590-62383-4