

LINCOLN PUBLIC SCHOOLS  
Science Learning Expectations: Grade 1

**Standard:**

EARTH SCIENCE:  
Earth's Materials

Mass Standard

Weather: the Sun  
as a Source of  
Heat and Light

Recognize that  
the sun supplies  
heat and light to  
the earth and is  
necessary for  
life.

Describe the  
weather changes  
from day to day  
and over the  
seasons.

**Big Ideas**

- Weather influences plants, animals and human activity.

**Key Outcomes**

- Students will demonstrate an understanding that **weather changes from day to day and through the year** by describing and explaining typical weather characteristics and temperatures for each season.

**Essential Knowledge and Skills**

*Students will be able to:*

- How to use scientific inquiry\* to access, explore and explain their understanding of core knowledge
- There are four seasons: winter, spring, summer, fall
- There are different types of weather (sunny, cloudy, windy, thunder storms, rain, hail, snow etc.)
- Weather changes affect people and the environment
- Weather can be described and measured by:
  - Temperature
  - Wind speed and direction
  - Form and amount of precipitation
  - General sky conditions (cloudy, sunny, partly cloudy)

\*Scientific Inquiry Standards are embedded in each unit of study