

**LINCOLN PUBLIC SCHOOLS**  
Science Learning Expectations: Grade K

**EARTH SCIENCE:**

Earth's Materials

**Massachusetts Standard(s):**

Understand that air is a mixture of gases that is all around us and that wind is moving air.

**Big Ideas**

- ❑ The air that surrounds us is made of gasses.
- ❑ Wind is moving air.

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**Key Outcomes**

- ❑ Students will demonstrate an understanding of **wind** by explaining the relationship between air and wind, and by illustrating the effects of wind on people and the environment.

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**Essential Knowledge and Skills**

Students will know

- ❑ How to use scientific inquiry\* to access, explore and explain their understanding of core knowledge
- ❑ Wind can be helpful and harmful
- ❑ Wind can be different temperatures (warm/cold)
- ❑ Identify and differentiate between natural and man-made sources of wind
- ❑ Recognize and make comparisons about different affects of wind
  - Identify the presence of wind
  - Identify the affects of wind
- ❑ Wind blows from different directions
- ❑ The force of wind can increase or decrease
- ❑ The faster the wind blows, the stronger the force
- ❑ The slower the wind blows, the weaker the force

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