

**Alignment of the Atmospheric Science Literacy Frameworks to the
National Science Education Standards (NSES)
GRADES K-4**

| NSES Elements/ Key Atmospheric Science Concepts | Essential Principle 3 - Atmospheric Circulation | | | | |
|--|--|--------|--------|--------|--------|
| | FC 3.1 | FC 3.2 | FC 3.3 | FC 3.4 | FC 3.5 |
| UNIFYING CONCEPTS AND PROCESSES | | | | | |
| Systems, Order and Organization | | • | • | • | • |
| Change, Constancy, and Measurement | | • | • | • | • |
| EARTH AND SPACE SCIENCE | | | | | |
| Properties of Earth Materials | | | | • | |
| Objects in the Sky | | | | • | |
| Changes in the Earth and Sky | • | | • | • | • |
| LIFE SCIENCE | | | | | |
| Characteristics of Organisms | | • | | | |
| PHYSICAL SCIENCE | | | | | |
| Properties of Objects and Materials | | • | | • | |
| Position and Motion of Objects | • | • | • | | |
| Light, Heat, Electricity and Magnetism | • | | | | |