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|  | **Earth /Space Science**  ***Students in grade one will demonstrate an awareness that Earth is a unique member of our solar system and the relationship between the earth, sun, and moon.***  ***Students will:*** | **Physical Science**  ***Students in grade one will recognize that all living and non-living things are composed of matter having characteristic properties that distinguish one substance from another.***  ***Students will:*** | **Life Science**  **There are no life science requirements in grade one** |
| **Change** | *Recognize the basic patterns of the sun, including its appearance during the daytime, and how its position in the sky changes through the seasons.* | *Observe how states of matter can change due to differences in air pressure, temperature, and chemistry.* | *N/A* |
| **Interrelationships** | *Recognize that the light and heat the sun provides to Earth is necessary for life.* | *Recognize the relationship between solids, liquids, and gasses (i.e. water, vapor, and ice)* | *N/A* |
| **Scale** | *Compare the size of the earth and the moon.* | *Demonstrate an understanding that different objects have different masses that can be weighed and measured.* | *N/A* |
| **Modeling** | *Model the moon’s phases using a flashlight and a ball.* | *Create a model of the water cycle.* | *N/A* |
| **Inquiry/Process** | *Investigate how the sun and moon appear to move and change in our sky.* | *Collect and organize data about physical properties in order to classify objects or draw conclusions about properties of objects (i.e. temperature, color, size, shape, weight, texture, and flexibility)* |  |