

## First Grade Science

[http://www.sad44.org/curriculum/Science/sciencek\\_2.pdf](http://www.sad44.org/curriculum/Science/sciencek_2.pdf)

|                               | Quarter 1  | Quarter 2  | Quarter 3  | Quarter 4  |
|-------------------------------|--|--|--|--|
| <b>Unit (order will vary)</b> | <b>Organisms</b>   | <b>Weather Cycles</b>  | <b>Sun/Shadows</b>   | <b>Magnification</b>   |
| <b>Strands</b>                | Classifying Life Forms (A)<br>Ecology (B)<br>Cells (C)   | The Earth (F)<br>The Universe (G)  | The Universe (G)<br>Implications of  | Cells (C)<br>Structure of Matter (E)                           |
| <b>Activities</b>             | Practice preventing spreading germs (Connect to health unit)<br>List organism traits<br>Create Venn Diagrams<br>Make Food chain models<br>Plant seeds  | Observe sky<br>Compare seasons<br>Chart weather<br>Keep daily records<br>Look for patterns | Demonstrate how shadow is formed<br>Do light source experiment.<br>Demonstrate how shadow changes        | Use microscopes<br>Sort objects by properties<br>Graph results |
| <b>Assessments</b>            | Having What You Need   | Seasons Book optional  | Teacher-made   | Teacher-made   |
| <b>Vocabulary</b>             | Organisms<br>Classifying<br>Nutrients<br>Recycle<br>Ecology<br>Disease<br>Germs<br>Habitat<br>Herbivore, Carnivore<br>Hibernation<br>Migration   | Seasons<br>Temperature<br>Cycles<br>Weather patterns<br>Weather cycles                     | Demonstrate<br>Surface<br>Shadow<br>Night/Day<br>Types of light:<br>Transparent<br>Translucent<br>Opaque | Magnify<br>Properties: Color, size, texture                    |
| <b>Resources</b>              | New Plants Kit<br>Maine Wild Life Park<br>Chipman's Pumpkin Land trip<br>Health unit   | Foss: Air and Water<br>Ocean trip  | Teacher Developed unit   | Teacher Developed Unit   |
|                               | <p><a href="http://www.sciencenetlinks.com/">http://www.sciencenetlinks.com/</a> This site is aligned by the benchmarks as well as the grade span. It also has a list of great resource sites to go to.</p> <p><a href="http://www.nasalearn.org/">http://www.nasalearn.org/</a> At present this site is under construction but it is to be aligned with the Maine <i>Learning Results</i>.</p> <p><a href="http://www.cloudnet.com/~edrbsass/edsci.htm">http://www.cloudnet.com/~edrbsass/edsci.htm</a> This site has lots of links to other science sites and resources.</p> |  |  |  |