

# Kindergarten Science Curriculum Map

Note: The following timeline and sequence is meant to be a guide only and is subject to change.  
(Revised 2008-09 school year)

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## Grade Level Content Expectations

|   | 1st Trimester |     |     | 2nd Trimester |     |     | 3rd Trimester |     |     | Ongoing |
|---|---------------|-----|-----|---------------|-----|-----|---------------|-----|-----|---------|
|   | Sept          | Oct | Nov | Dec           | Jan | Feb | Mar           | Apr | May |         |
| S.IP.00.11 Make purposeful observation of the natural world using the appropriate senses.   |               |     |     |               |     |     |               |     |     | X       |
| Resources:  |               |     |     |               |     |     |               |     |     |         |
| S.IP.00.12 Generate questions based on observations.  |               |     |     |               |     |     |               |     |     | X       |
| Resources:  |               |     |     |               |     |     |               |     |     |         |
| S.IA.00.12 Share ideas about science through purposeful conversation.   |               |     |     |               |     |     |               |     |     | X       |
| Resources:  |               |     |     |               |     |     |               |     |     |         |
| S.IA.00.13 Communicate and present findings of observations.  |               |     |     |               |     |     |               |     |     | X       |
| Resources:  |               |     |     |               |     |     |               |     |     |         |
| S.IA.00.14 Develop strategies for information gathering (ask an expert, use a book, make observations, conduct simple investigations, and watch a video). |               |     |     |               |     |     |               |     |     | X       |
| Resources:  |               |     |     |               |     |     |               |     |     |         |
| S.RS.00.11 Demonstrate scientific concepts through various illustrations, performances, models, exhibits, and activities.                                 |               |     |     |               |     |     |               |     |     | X       |
| Resources:  |               |     |     |               |     |     |               |     |     |         |
| E.SE.00.11 Identify Earth materials (air, water, soil) that are used to grow plants.  |               | X   |     |               |     |     |               |     |     |         |
| Resources:  |               |     |     |               |     |     |               |     |     |         |
| L.OL.00.11 Identify that living things have basic needs.  |               |     |     | X             |     |     |               |     |     |         |
| Resources:  |               |     |     |               |     |     |               |     |     |         |
| L.OL.00.12 Identify and compare living and nonliving things.  |               |     |     | X             |     |     |               |     |     |         |
| Resources:  |               |     |     |               |     |     |               |     |     |         |
| P.FM.00.11 Compare the position of an object (for example: above, below, in front of, behind, on) in relation to other objects around it.                 |               |     |     |               | X   |     |               |     |     |         |
| Resources:  |               |     |     |               |     |     |               |     |     |         |
| P.FM.00.12 Describe the motion of an object (for example: away from or closer to) from different observers' views.  |               |     |     |               | X   |     |               |     |     |         |
| Resources:  |               |     |     |               |     |     |               |     |     |         |
| P.FM.00.21 Observe how objects fall toward the earth.   |               |     |     |               |     | X   |               |     |     |         |
| Resources:  |               |     |     |               |     |     |               |     |     |         |
| P.FM.00.31 Demonstrate pushes and pulls.  |               |     |     |               |     |     | X             |     |     |         |
| Resources:  |               |     |     |               |     |     |               |     |     |         |
| P.FM.00.32 Observe that objects initially at rest will move in the direction of the push or pull.   |               |     |     |               |     |     | X             |     |     |         |
| Resources:  |               |     |     |               |     |     |               |     |     |         |
| P.FM.00.33 Observe how pushes and pulls can change the speed or direction of moving objects.  |               |     |     |               |     |     |               | X   |     |         |
| Resources:  |               |     |     |               |     |     |               |     |     |         |

