

**Course Description:**

In Kindergarten Science, students in this course will use their senses to explore their world. Students experience nature walks, gardening, and imitative games by exploring The Fall Season, Leaves and Butterflies, Deer, Autumn Leaves and Weather Conditions, Falling leaves, Squirrels, Ducks, Natural Fall Objects, Nature Observations, Animals & Camouflage, Planting a Garden, Terrariums, Growing a Seed, Goldfish, Freezing Water, and Magnets.

**Materials needed:**

- Colored pencils or crayons
- Magnifying glass
- Sweet potato or avocado seed
- 3 or 4 Nails
- Drinking Glass
- Jar (with a large opening)
- Rubber band
- Plastic wrap
- Mixture of soil, sand and charcoal
- Glass tumbler
- Cotton balls
- Blotter
- Bean seeds
- Magnet
- Iron filings
- Paper plate

Module	Lesson Title	Objectives	Assessments
1	The Fall Season	<ul style="list-style-type: none"> <li>• Recall summer</li> <li>• Record sounds, smells and the beauty of summer.</li> </ul>	<ul style="list-style-type: none"> <li>• The Fall Season Assignment</li> </ul>
	Leaves and Butterflies	<ul style="list-style-type: none"> <li>• Learn about fall leaves and hide objects in them.</li> <li>• Read “The Butterfly Story” to your child.</li> </ul>	<ul style="list-style-type: none"> <li>• Leaves and Butterflies Assignment</li> </ul>
	Deer in Fall	<ul style="list-style-type: none"> <li>• Read “The Prince of the Forest” to your child.</li> <li>• Draw a picture of Daddy Buck and glue into your science scrapbook.</li> </ul>	<ul style="list-style-type: none"> <li>• Deer in Fall Assignment</li> </ul>

## Kindergarten Science A Syllabus

Module	Lesson Title	Objectives	Assessments
2	Autumn Leaves and Weather Conditions	<ul style="list-style-type: none"> <li>Discuss different kinds of trees and leaves.</li> <li>Gather autumn leaves and talk about their various colors.</li> <li>Begin discussing weather conditions.</li> </ul>	<ul style="list-style-type: none"> <li>Autumn Leaves and Weather Conditions Assignment</li> </ul>
	Autumn and Falling Leaves	<ul style="list-style-type: none"> <li>Read the story, "The Crying Tree" to your child.</li> <li>Observe Fall leaves and draw a picture of a tree with leaves falling.</li> </ul>	<ul style="list-style-type: none"> <li>Autumn and Falling Leaves Assignment</li> </ul>
	Squirrel Behavior	<ul style="list-style-type: none"> <li>Read the story, "The Tale of Three Squirrels" to your child.</li> <li>Observe the squirrels in your neighborhood.</li> </ul>	<ul style="list-style-type: none"> <li>Squirrel Behavior Assignment</li> </ul>
3	Duck Observation	<ul style="list-style-type: none"> <li>Read the story, "Quark" to your child.</li> <li>Observe and study ducks.</li> </ul>	<ul style="list-style-type: none"> <li>Duck Observation Assignment</li> </ul>
	Natural Fall Objects	<ul style="list-style-type: none"> <li>Study natural fall objects</li> <li>Discuss the changing weather.</li> </ul>	<ul style="list-style-type: none"> <li>Natural Fall Objects Assignment</li> </ul>
	Observing Nature	<ul style="list-style-type: none"> <li>Study nature close up</li> <li>Use a magnifying glass to look at different objects.</li> </ul>	<ul style="list-style-type: none"> <li>Observing Nature Assignment</li> </ul>
4	Animal Camouflage	<ul style="list-style-type: none"> <li>Learn different way animals camouflage (hide) themselves.</li> <li>Recognize different weather conditions.</li> </ul>	<ul style="list-style-type: none"> <li>Animal Camouflage Assignment</li> </ul>
	Listening to Nature	<ul style="list-style-type: none"> <li>Identify outdoor sounds in nature.</li> <li>Collect items to add to nature table.</li> </ul>	<ul style="list-style-type: none"> <li>Listening to Nature Assignment</li> </ul>
	Nature Review	<ul style="list-style-type: none"> <li>Review of your many experiences in nature.</li> </ul>	<ul style="list-style-type: none"> <li>Nature Review Assignment</li> </ul>
5	Plant a Garden	<ul style="list-style-type: none"> <li>Plant an indoor garden.</li> <li>Illustrate the growth of a seed into a plant.</li> </ul>	<ul style="list-style-type: none"> <li>Plant a Garden Assignment</li> </ul>

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	Assemble and Plant a Terrarium	<ul style="list-style-type: none"> <li>Assemble a terrarium.</li> <li>Plant small, shade-loving plants.</li> </ul>	<ul style="list-style-type: none"> <li>Assemble and Plant a Terrarium Assignment</li> </ul>
	Grow a Bean Seed	<ul style="list-style-type: none"> <li>Make a classroom garden.</li> <li>Plant bean seeds in the classroom garden.</li> </ul>	<ul style="list-style-type: none"> <li>Grow a Bean Seed Assignment</li> </ul>
6	Make a Goldfish Bowl	<ul style="list-style-type: none"> <li>Draw a picture of one or more of the experiments you are doing.</li> <li>Make a goldfish bowl.</li> </ul>	<ul style="list-style-type: none"> <li>Make a Goldfish Bowl Assignment</li> </ul>
	Freezing Water and Magnets	<ul style="list-style-type: none"> <li>Observe the change in form of water to ice.</li> <li>Study daily weather conditions.</li> <li>Observe the behavior of magnets.</li> </ul>	<ul style="list-style-type: none"> <li>Freezing Water and Magnets Assignment</li> </ul>
	Compare Environments	<ul style="list-style-type: none"> <li>Compare and contrast various environments.</li> </ul>	<ul style="list-style-type: none"> <li>Compare Environments Assignment</li> </ul>