

## Early Childhood Science: SCOPE AND SEQUENCE

	Toddler	Early Learner	Preschool	Prekindergarten					
<b>Human Body</b>	Identify 6 body parts by pointing Explore the 5 senses	Identify 11 body parts Develop knowledge of the 5 senses	Identify 16 body parts Understand functions of body parts Match 5 senses to corresponding body part	Identify and describe the function and parts of human anatomy					
<b>Healthy Habits and Nutrition</b>	Understand basic concepts of healthy habits Experience the cooking process	Develop concepts of healthy habits Participate in cooking process	Begin to understand concept of food groups Demonstrates basic hygiene practices	Identify food groups and categorize food accordingly Understand benefits of healthy eating Demonstrates basic hygiene practices independently					
<b>Animals and Insects</b>	Recognize a variety of animals by sight and sound Understand the need to be caring and loving to all animals	Expand knowledge of animals by sight and sound Understand different places animals live Understand the need to be caring and loving to all animals	Recognizes different animals and their characteristics Recognize different insects and their characteristics	Identify animals and their habitats Understand the concepts of hibernation and migration Demonstrates understanding of life cycle of a butterfly					
<b>Plants</b>	Identify flower, tree and grass	Help plant and take care of a plant	Identify the basic parts of a plant Observe the basic life cycle of a plant	Identify the basic parts of a plant and their functions Describe the life cycle of a plant and what it needs to grow					
<b>Seasons and Weather</b>	Observe weather conditions	Identify different weather conditions	Understand concepts of seasons and their characteristics	Identify the four seasons, their characteristics and the effect on the environment					
<b>Environmental Awareness</b>			Practice the basic concept of recycling	Understand the concept of recycling and composting					
<b>Physical Science</b>	Discover the concept of hot and cold	Discover items that sink and float Understand the concept of hot and cold Explore the concept of color	Explores the concepts of hot and cold Discovers the effects of magnets Understanding the combining of colors to create new colors	Participates in science experiments demonstrating states of matter, exploring magnets and mixing colors					

<b>Problem Solving</b>	Demonstrates understanding of basic cause and effect Search briefly for hidden objects	Make observations and communicate findings Try alternative solutions to problems	Ask questions and make observations during simple experiments Communicate findings to others	Predict, observe and document results of experiment					