

**Building – Elementary School
Grade Level – 1st Grade
Subject – Science**

Date Semester	IL Learning Standards	Unit and/or Essential Question Content and/or Skills	Assessments and/or Products
<p>These are the themes and topics covered in first grade in the course of the year. They are left to the teacher to choose when it is most appropriate for their class.</p>	<p>STATE GOAL 12: Understand the fundamental concepts, principles and interconnections of the life, physical and earth/space sciences.</p>	<p>Living and non-living things.</p>	<ul style="list-style-type: none"> • Non-fiction books • Classroom discussion Classroom activities (sorting and classifying)
	<p>STATE GOAL 11: Understand the processes of scientific inquiry and technological design to investigate questions, conduct experiments and solve problems. STATE GOAL 12: Understand the fundamental concepts, principles and interconnections of the life, physical and earth/space sciences.</p>	<p>Gas, Solids, and Liquids</p>	<ul style="list-style-type: none"> • Classroom experiments • Classroom discussion • Non-fiction books
	<p>STATE GOAL 11: Understand the processes of scientific inquiry and technological design to investigate questions, conduct experiments and solve problems. STATE GOAL 13: Understand the relationships among science, technology and society in historical and contemporary contexts.</p>	<p>Fire Safety</p> <ul style="list-style-type: none"> • fire safety rules • emergency information 	<ul style="list-style-type: none"> • Fiction and Non-fiction books • Professional Fire Safety Presentation • Classroom Activities • K-W-L chart
	<p>STATE GOAL 12: Understand the fundamental concepts, principles and interconnections of the life, physical and earth/space sciences.</p>	<p>Space and the Solar System</p> <ul style="list-style-type: none"> • 9 planets • sun and stars 	<ul style="list-style-type: none"> • Fiction and Non-fiction books • Hands-on activities • Classroom discussion
	<p>STATE GOAL 12: Understand the fundamental concepts, principles and interconnections of the life, physical and earth/space sciences.</p>	<p>Earth</p> <ul style="list-style-type: none"> • continents and oceans 	<ul style="list-style-type: none"> • Non-fiction books • Hands-on activities • Classroom

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	STATE GOAL 13: Understand the relationships among science, technology and society in historical and contemporary contexts.	<ul style="list-style-type: none"> • environmental issues (Earth Day) 	discussion
	STATE GOAL 11: Understand the processes of scientific inquiry and technological design to investigate questions, conduct experiments and solve problems. STATE GOAL 12: Understand the fundamental concepts, principles and interconnections of the life, physical and earth/space sciences.	Plants <ul style="list-style-type: none"> • roots, stems and leaves • life cycle • field trip to Friend's Creek Park 	<ul style="list-style-type: none"> • Non-fiction books • Hands-on activities • Classroom discussion
	STATE GOAL 11: Understand the processes of scientific inquiry and technological design to investigate questions, conduct experiments and solve problems. STATE GOAL 12: Understand the fundamental concepts, principles and interconnections of the life, physical and earth/space sciences.	Magnets <ul style="list-style-type: none"> • Push and pull • Magnetic, not magnetic 	<ul style="list-style-type: none"> • Non-fiction books • Hands-on activities • Classroom discussion • K-W-L chart
	STATE GOAL 11: Understand the processes of scientific inquiry and technological design to investigate questions, conduct experiments and solve problems. STATE GOAL 12: Understand the fundamental concepts, principles and interconnections of the life, physical and earth/space sciences.	Five Senses	<ul style="list-style-type: none"> • Non-fiction books • Hands-on activities • Classroom discussion • K-W-L chart
	STATE GOAL 12: Understand the fundamental concepts, principles and interconnections of the life, physical and earth/space sciences.	Weather and Seasons <ul style="list-style-type: none"> • 4 seasons • temperature • effects of weather 	<ul style="list-style-type: none"> • Non-fiction books • Hands-on activities • Classroom discussion

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	STATE GOAL 13: Understand the relationships among science, technology and society in historical and contemporary contexts.		<ul style="list-style-type: none"> • Fiction books • Weather graph
	STATE GOAL 11: Understand the processes of scientific inquiry and technological design to investigate questions, conduct experiments and solve problems. STATE GOAL 12: Understand the fundamental concepts, principles and interconnections of the life, physical and earth/space sciences.	Animals and Habitats <ul style="list-style-type: none"> • hibernation, migration, adaptation • animal habitats • life cycles • food chain 	<ul style="list-style-type: none"> • K-W-L chart • Non-fiction books • Hands-on activities • Classroom discussion • Fiction books
	STATE GOAL 12: Understand the fundamental concepts, principles and interconnections of the life, physical and earth/space sciences.	Human Body <ul style="list-style-type: none"> • body parts • care of • health 	<ul style="list-style-type: none"> • BABES program • Fiction books • Non-fiction books • Hands-on activities • Classroom discussion