

Kindergarten Science Curriculum Map

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Essential Questions	Are plants living things?	How do animals grow and change?	What is our environment?	What is matter and how does it move?
Content in terms of essential concepts and topics	<u>Plants</u> <ul style="list-style-type: none"> • Parts of plants • What plants need • How plants grow • Leaves and flowers • Plants we use 	<u>Animals</u> <ul style="list-style-type: none"> • Animals are everywhere • Bugs and more bugs • Reptiles • What animals need • Up above and down under • Staying safe • Grow and change • People and animals 	<u>Weather and Sky</u> <ul style="list-style-type: none"> • Exploring weather • Clouds • The seasons • Sun and shadows • Moon and stars <u>Our Earth, Our Home</u> <ul style="list-style-type: none"> • Soil • Rocks • Land high and low • Water all around • Recycle, reuse 	<u>Exploring Matter</u> <ul style="list-style-type: none"> • Paper and cloth • Wood and metal • Working with clay • Investigate water <u>Moving Right Along</u> <ul style="list-style-type: none"> • Wheels • How things move • Sounds all around • Magnets
Standards/skills (i.e., processes and skills emphasized— State Academic Standards, and MCSC skills)	<u>Parts of plants:</u> 2.2, 4.1, 4.2 <u>What plants need:</u> 1.2, 2.1, 4.1, 4.2 <u>How plants grow:</u> 2.2, 4.1, 4.2 <u>Leaves and flowers:</u> 4.1, 4.2, 5.1 <u>Plants we use:</u> 2.1, 4.1	<u>Animals are everywhere:</u> 1.2, 2.2, 4.1 <u>Bugs and more bugs:</u> 4.1, 4.2, 6.1 <u>Reptiles:</u> 1.1, 4.1, 4.2 <u>What animals need:</u> 1.2, 4.1, 4.2 <u>Up above and down under:</u> 2.2, 4.1, 4.2 <u>Staying safe:</u> 1.1, 4.1, 4.2 <u>Grow and change:</u> 1.1, 1.2, 4.1 <u>People and animals:</u> 4.1, 4.2, 6.1	<u>Exploring weather:</u> 2.2, 5.1 <u>Clouds:</u> 1.1, 2.2, 6.1 <u>Seasons:</u> 2.2, 6.1 <u>Sun and shadows:</u> 1.1, 2.2 <u>Moon and stars:</u> 2.2, 5.1, 6.1 <u>Soil:</u> 1.1, 2.2, 6.1 <u>Rocks:</u> 1.2, 6.1 <u>Land high and low:</u> 1.1, 6.1 <u>Water all around:</u> 2.1, 2.2, 6.1 <u>Recycle, reuse:</u> 2.2	<u>Paper and cloth:</u> 2.2, 3.1 <u>Wood and metal:</u> 2.1, 2.2, 3.1 <u>Working with clay:</u> 2.2, 3.1, 5.1 <u>Investigate water:</u> 3.1, 6.1 <u>Wheels:</u> 2.1, 3.2, 6.1 <u>How things move:</u> 2.2, 3.2, 6.1 <u>Sounds all around:</u> 1.2, 2.2 <u>Magnets:</u> 2.1, 2.2, 6.1
Products/Assessments It is assumed that students will be assessed with traditional tests.	Science resource book A1-A2 http://www.indianastandardsresources.org	Science resource book A3-A4 http://www.indianastandardsresources.org	Science resource book A7-A8/A5-A6 http://www.indianastandardsresources.org	Science resource book A9-A10/A11-A12 http://www.indianastandardsresources.org
Resources	http://www.indianastandardsresources.org Teacher's guide	http://www.indianastandardsresources.org Teacher's guide	http://www.indianastandardsresources.org Teacher's guide Planetarium	http://www.indianastandardsresources.org Teacher's guide