

Science – Grade One

District 2853

Month	Content	Performance Standards Addressed	Skills for Student Achievement	Assessment
September	Weather	D.S.S. A 2, A 3, C 1, E 1 (All Prep)	<ul style="list-style-type: none"> · Temperature changes · Wind · Season changes (e.g. day, night) · Clouds vs. lights · Types of weather · Weather safety · Characteristic of sun 	<ul style="list-style-type: none"> · Observation of projects and class participation
	Animals	D.S.S. A 1, A 2, A 3, B 1, C 1, E 1, E 3 E 4, E 5 (All Prep)	<ul style="list-style-type: none"> · Students will know that animals will change, grow and reproduce · Expose and use words for different animals: birds, mammal, insect, spider, reptiles, amphibians · Animal adaptations to environments · Nocturnal animals · Understand hibernation - animal movements · Discuss shadows (Feb.) · Migration (Fall) · Names for female, male babies (e.g. buck, doe, fawn) · Body coverings of animals · Classify by body size, shape, and texture · Animals in our area - food chain · Predators and prey protection, homes, camouflage animals · Domestic vs. wild animals · Pets - needs, caring for · Plant eaters vs. meat eaters · Humans caring for wild animals · Life cycle of animals 	<ul style="list-style-type: none"> · Observation of projects and class participation
Yearlong	Seasons	D.S.S. A 2, A 3, B 1, C 1 (All Prep)	<ul style="list-style-type: none"> · How things change · How it happens with respect to plants and animals - change of weather - migration · Hibernation preparation · Discuss day and night - earth rotation · Equator and if impact on climate world wide · When the seasons occur and activities people do (summer, spring, fall, winter) · Dress for seasons 	<ul style="list-style-type: none"> · Observation of projects and class participation

Yearlong	· Safety	D.S.E. A 1, E 1 (All Prep)	<ul style="list-style-type: none"> · Temperature changes · Knowing and understand hazard symbols/ labels · Environmental safety · Playground, school, home · Bike - fire - stranger - seatbelt - sun · Bus - floatation devices · Boating - medical safety 	· Observation of projects and class participation
Health Yearlong	· Personal Hygiene	D.S.E. B1 (Prep)	<ul style="list-style-type: none"> · Washing hands · Overall cleanliness · Cover coughs & sneezes · Use Kleenex appropriately · No objects in ears, nose, mouth · Dental health · Dress appropriately · Germs and illness · Handling body fluids 	· Observation of projects and class participation
Winter/ Spring	· Nutrition	D.S.E. A 1, B 1, E 3, E 4, E 5 (All Prep)	<ul style="list-style-type: none"> · Food pyramid · Healthy food choices · Exercise with your daily food intake 	
Yearlong	· Human Body	D.S.E. B 1, E 1 (All Prep)	<ul style="list-style-type: none"> · 5 Senses · Body system (general) e.g. care, digestive, skeletal and muscular · Germs · Growing and changing 	
February	· Dental Health	D.S.E. B 1, C 1 (All Prep)	<ul style="list-style-type: none"> · Primary vs. permanent teeth · Brushing and flossing · How teeth are used · Names of teeth - parts of tooth - care of teeth 	· Observation of projects and class participation
Fall and Yearlong	· Plants	D.S.E. A 3, B 1, C 1 (All Prep)	<ul style="list-style-type: none"> · Parts of a plant - needs of plant · Which plants grown in certain areas · Characteristics of how plants re-germinate · Human/animal uses of plants 	
Fall/Spring	· Trees	D.S.E. A 2, A 3, B 1, E 1, E 3, E 4 (All Prep)	<ul style="list-style-type: none"> · Getting their food · Shapes of trees and leaves · Parts of tree · Seasonal changes for trees · General characteristics of trees · Needle tree vs. leaf tree · Products and uses of trees 	· Class participation and projects
Spring	· Environmental Science	D.S.E. D 1, D 2, D 3, E 2 (All Prep)	<ul style="list-style-type: none"> · Recycling · Pollution - noise, water, air, land · Water cycle · Respect for environmental and earth · Introduce solid, liquid, and gases 	· Class participation and projects

Spring or Winter	· Earth Science	D.S.E. A 1, A 2, A 3, C 1, D 2, D 3, E 1, E 3, E 5 (All Prep)	· Features of the earth (e.g. air, land, water) · Land forms · Sun, sky, planets, stars, moon, space travel · Light and heat · Gravity	· Class participation and projects
Yearlong	· Simple Machines	D.S.E. B 1, D 2, E 5 (All Prep)	· See how things work · Levers (scissors, knife) · Grinding · Introducing turns · Weight distribution	· Class participation and projects