

## Grade 1 Curriculum Link Ideas

Subject	Unit	Season	Activity	Description
<b>Science</b>	Creating Color	Spring, summer, fall	Color hunt	Student read and then find different colors in the naturalization area (Language arts, as well).
		Spring, summer, fall	Garden smudges	Students read the words of different garden objects and then locate and make color smudges with the object.
	Senses	All	Deer Ears	An outdoor game focused on listening skills.
		All	Texture hunt	Students read a descriptive texture word and then locate something with that texture in the naturalization area.
		All	Sensory Hunt	Students look for and describe different things they can see, hear, touch, smell and taste.
	Needs of Plants and Animals	Spring, summer, fall	Habitat Survey	Students study an animal habitat outside and answer questions.
		All	Spring Scavenger hunt	Students spend time looking for nature items.
	Seasons	All	Four Seasons of a Tree	Have students spend a few days each season observing the same tree or shrub. Do sketching and journaling during these sessions.
<b>Math</b>	Measurement	All	Measurement hunt	Students learn mm, cm and meters looking for different objects of different lengths.
	Geometry	All	Shape Hunt	Hunting for different shapes in nature.
<b>Language Arts</b>		All	Group Poem	Divide students into groups of 3-5 to write a collective poem about something in the naturalization area. Each Student should be responsible for at least one line. Have students present their poems at the end of class.
		All	ABC's in Nature	Hunting for natural objects starting with all the letters of the alphabet.
<b>Art</b>		Spring, summer, fall	Leaf chromatography	Testing the color pigments in leaves and flowers using filter paper.
		All	Craft Ideas	See craft ideas PDF.
<b>PE</b>		All	Bat and Moth	Students use their senses.
		All	Camouflage game	One student is the prey and all others are the predators. The prey closes his eyes and counts to 10. All the predators must run and camouflage themselves in the surrounding trees and shrubs. The prey then opens his eyes, and staying in one spot, looks around to see which of the predators he can spot. If he spots anyone he must call their name and yell 'starve'. These players are now out of the game. When he cannot see any other predators, the prey will close their eyes and count to 10 again. Remaining predators must then attempt to get closer to the prey without being spotted. Repeat the above process a few times and the winner is the predator that gets the closest with out being spotted by the prey.

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## Grade 2 Curriculum Link Ideas

Subject	Unit	Season	Activity	Description
<b>Science</b>	Small and Crawling	Spring, summer, fall	Habitat maps	Have the students draw a map of the naturalization area and plot possible habitats on their map.
		Spring, summer, fall	Insect Hunt	Students look for insects, to sketch and write about.
		Spring, summer, fall	Ant Challenge	Examining the interesting behaviour of ants.
		Spring, summer, fall	School Yard Organism Identifier	Students study and examine various organisms found in the naturalization area.
	Hot and Cold	All	Temperature hunt	Students take temperature, and look for the warmest and coolest spots in the naturalization area.
<b>Math</b>	Measurement	All	Measurement hunt	Students learn mm, cm and meters looking for different objects of different lengths.
<b>Language Arts</b>	Poetry	All	Shape poems	Have the students spend some time at a predetermined 'magic spot' (tree or shrub each student has chosen to be their area of study for the whole year). Students should come up with a list of descriptive words to describe their magic spots. When finished they should put into a poem and write it out in the silhouette shape of their tree or shrub.
<b>Art</b>		All	Craft Ideas	See craft ideas PDF.

## *Grade 3 Curriculum Link Ideas*

<b>Subject</b>	<b>Unit</b>	<b>Season</b>	<b>Activity</b>	<b>Description</b>
<b>Science</b>	Life Cycles	All	Habitat Survey	Students investigate the conditions of habitats within the schoolyard.
		Spring, summer, fall	Food Web Search	Students discover producers, consumers and decomposers in the schoolyard.
	Rocks and minerals	All	Rock Investigation	Students choose a rock to investigate.
		Spring, summer, fall	Erosion Evidence	Looking for evidence of Erosion on the school grounds
		Spring, summer, fall	An Ant's eye view of Dirt	Students take a close up look at Soil.
	Hearing and Sound	All	Deer Ears	An outdoor game focusing on the sense of hearing.
		All	Nature Band	In groups of 4-5 students use things found in nature to create sound and put together a short musical presentation.
		All	Listening Journal	Students focus on sounds they can hear in the natural environment and record them.
	Building Stuff	All	Bird feeders	Create bird feeders.
	<b>Social Studies</b>	Mapping	All	Habitat maps
All			Schoolyard Scavenger Hunt	Students take a close up look at their school yard.
<b>Math</b>	Measurement	All	Measurement Hunt	Students learn mm, cm and meters looking for different objects of different lengths.
<b>Language Arts</b>		All	Story Board	Students write a story about a plant or animal lifecycle.
<b>Art</b>		All	Craft Ideas	See craft ideas PDF.

## Grade 4 Curriculum Link Ideas

Subject	Unit	Season	Activity	Description
Science	Waste in our world	Spring, summer, fall	Rotting Logs Activities	Students investigate logs at various stages of decay. Have the students look for plants and animals within the logs and how they change with decomposition.
		All	Compost crazy	Learning how to compost.
	Light and Shadows	All	Pocket Sundial	Make a small sundial students can carry with them.
		Spring, summer, fall	Shadow Tracing	Students trace their shadows at different times of the day to observe the changes.
		All	Sun Scavenger hunt	Students go on a scavenger hunt related to aspects of the sun.
	Plant Growth and Change	Spring, summer, fall	Plant Structures Scavenger hunt	Students look and identify different plant structures and their function.
		spring, summer, fall	Adopt a Plant	Each student adopts a woody stemmed plant to observe throughout the year.
		Spring, summer, fall	Plant Structures Comparisons	Comparison of a herbaceous plant and a woody plant.
		All	Plant Systems	Examining the different structures of a plant.
		All	Native plant Research	Scientific observation of a native plant.
		Spring, summer, fall	Plant watch	Participation in a province wide program looking at seasonal changes of various plant species.
		Spring	Seed Hunt	Looking for seeds with different modes of transportation.
		Summer, fall, winter	Seed investigations	Students collect various seeds and then sketch and study them.
		Summer	Dandelions	Examination of a dandelion and its structures.
Math		All	Data Collection	Students collect and then analyze data.
Language Arts		Fall, winter	Dead leaf Story boards	Students write a circle story about the lifecycle of a leaf.
		All, best in Spring or summer	Journaling Activity	Learning what information is important when journaling.
Art		All	Making recycled paper	Using recycled paper to make new paper.
		All	Craft Ideas	See craft ideas PDF.

## Grade 5 Curriculum Link Ideas

Subject	Unit	Season	Activity	Description
<b>Science</b>	Weather Watch	All	Weather Observations	Observation and readings of different weather phenomenon.
		All	Weather Scavenger Hunt	Looking for different effects of weather in the schoolyard.
		All	Sky Watchers	Participating in a province wide weather activity, recording and interpreting weather information.
		All	Balloon Barometer	Make your own barometer.
		All	Temperature hunt	Taking temperature and finding locations that are warmer and cooler.
	Wetlands Ecosystems	Spring, summer, fall	Watershed Ramble	Students investigate habitats by recording conditions and the animals and plants within them.
Classroom Chemistry	Spring, summer, fall	PH Watershed testing	Student test water samples collected at a variety of locations.	
<b>Math</b>			Data collection, organization and interpretation.	Students collect, analyze and interpret data.
<b>Language Arts</b>		All	Magic Spots	Students establish a spot with a tree or shrub which will be their spot for the entire year and for most activities.
		All	Poetry	Write poems, make shape poems, experiment with descriptive language, group poems.
<b>Art</b>		All	Wetland Model	Create a wetland Model.
		All	Craft Ideas	See craft ideas PDF.

## Grade 6 Curriculum Link Ideas

Subject	Unit	Season	Activity	Description
<b>Science</b>	Trees and Forest	All	Adopt a Plant	Each student adopts a woody stemmed plant to observe throughout the year.
		Fall Winter	Winter Twig Activity	Student use twigs in the winter to see the significant differences among species even when there are no leaves.
		Spring, summer, fall	Whole tree Clue	Examining the different parts of a tree.
		Summer, fall	Leaf Clue	Examining the different parts of a leaf.
	Evidence and Investigation	Spring, fall, summer	Leaf Chromatography	Testing different leaves, especially during fall, to see the different pigments of color.
		Winter	Investigating tracks	Looking at different signs of animals based on the tracks they leave.
		All	Dichotomous Chart	Have students in groups of 2-3 create a dichotomous chart for several Coniferous and Deciduous species in the naturalization area.
		All	Crime Scene Report	Students piece together a crime based on evidence.
<b>Math</b>	Measurement	All	Tree Champions	Finding the biggest tree, based on multiple factors
		All	Estimating tree height	Using different techniques to estimate the height of a tree.
	Angles	All	Angle Scavenger Hunt	Searching the natural environment to find different angles.
<b>Art</b>		All	Forest Diorama	Make different types of forests: Boreal, alpine, rainforest, etc.
		All	Silhouettes	Using different techniques, notice the different outline shapes of trees.
		All	Sunclock	Create a sunclock to tell the time.