

## Grade 5 Benchmarks

Activity	Language Arts	Mathematics	Science	Social Studies
<b>Ecology and Environmental Horticulture</b>				
1. <i>Nature Class Web</i> - To create a web to understand the inter-relatedness of life on earth.			4	3
2. <i>Food Chain Gang</i> - To play a game represent the inter-relatedness of animals and the environment within the food chain.			4	
3. <i>Polluting Your Planet</i> - To observe the effects of pollution on a model of the earth.		13, 15, 17	3, 4, 5, 6	3
4. <i>Exploding Cactus</i> - To demonstrate how cacti are able to store water.			3, 5	
5. <i>Garden Weather Station</i> - To create weather instruments and monitor weather conditions.		4, 6, 11, 13, 15, 17, 18, 26, 27, 28, 29, 30, 33, 34	10	3
1. <i>The Tree Community</i> - To observe the variety of life supported by a single tree.			1, 2, 4, 5	3
2. <i>Gourd Bird House</i> - To grow and build habitats for birds using gourds.				
3. <i>Our Pocket Park</i> - To beautify an outdoor area.	1, 2, 3, 4, 10, 13, 17, 18, 19, 20, 21, 27	9, 10, 11, 13, 15, 17, 33	1, 3	3, 5
4. <i>Backyard Buddy</i> - To reward environmentally friendly		4, 6, 26, 27, 28, 29, 30	2	3, 5
5. <i>Visit with a Vet</i> - To understand needs and habitats of animals in your community.				
1. <i>On the Move</i> - To understand how pollution can create many indirect negative effects.			4, 6, 8	3
2. <i>Both Sides of the Fence</i> - To voice opinions in a debate format.	1, 3, 4, 12, 13, 17, 19, 20, 21, 25		4, 6, 8	3, 5
3. <i>Weighing Wastes</i> - To measure amount of food wastes produced at a meal and work to reduce wastes for the future.		4, 6, 11, 13, 15, 17, 18, 26, 27, 28, 29, 30, 33, 34	6, 8, 9	3, 5
4. <i>Let's Try Organic</i> - To implement organic gardening ideas into a garden setting.			3, 4	5
5. <i>Xeriscape</i> - To build a garden site using water conservation concepts.			3, 6	3, 5
1. <i>Vermi-Composting</i> - To recycle food wastes with vermi-composting.		9, 10, 11, 13, 15, 17, 18, 33	1, 4, 8	3
2. <i>Super Mowing Machine</i> - To utilize creativity to invent a new mowing machine.	1, 3, 4, 12, 13, 25		9	3
3. <i>Grow Cards</i> - To recycle newspaper to create plantable greeting cards.	17, 19, 20, 21		8	3
4. <i>Know &amp; Show Recycling Sombrero</i> - To wearable works of art that displays materials that can be recycled.				

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1. <i>Plant Pounding</i> - To transfer the likeness of plant parts to fabric.				
2. <i>Let's Dye It</i> - To color eggs or fabrics using dyes created from natural materials.				
3. <i>Nature Windows</i> - To create art using natural materials.	17, 19, 20, 21	13, 15, 17		3
4. <i>Garden Folk</i> - To build a scarecrow.	17, 19, 20, 21			3, 5
5. <i>Nature Masks</i> - To create wearable art using natural materials.				
6. <i>Mother Nature's Children</i> - To create art using natural materials.				3