

Grade 3 Benchmarks

Activity	Language Arts	Mathematics	Science	Social Studies
Ecology and Environmental Horticulture				
1. <i>Nature Class Web</i> - To create a web to understand the inter-relatedness of life on earth.	1, 2, 3, 22		1, 2	1
2. <i>Food Chain Gang</i> - To play a game represent the inter-relatedness of animals and the environment within the food chain.	1, 2, 3, 12		1, 2	1
3. <i>Polluting Your Planet</i> - To observe the effects of pollution on a model of the earth.	1, 2, 3, 12	23, 27, 28, 30	1, 5, 7	1
4. <i>Exploding Cactus</i> - To demonstrate how cacti are able to store water.	1, 2, 3		1, 2, 6	
5. <i>Garden Weather Station</i> - To create weather instruments and monitor weather conditions.	1, 2, 3	6, 8, 23, 27, 28, 30, 35, 35, 41, 45, 53, 56, 60	5, 6, 7	
1. <i>The Tree Community</i> - To observe the variety of life supported by a single tree.	1, 2, 3, 5, 18		1, 2, 4, 7	
2. <i>Gourd Bird House</i> - To grow and build habitats for birds using gourds.	3			
3. <i>Our Pocket Park</i> - To beautify an outdoor area.	15, 17, 18, 19, 22, 23	23, 27, 28, 31, 53, 60	1, 2	1
4. <i>Backyard Buddy</i> - To reward environmentally friendly	1, 2, 3	41, 56	1	1
5. <i>Visit with a Vet</i> - To understand needs and habitats of animals in your community.	1, 2			
1. <i>On the Move</i> - To understand how pollution can create many indirect negative effects.	1, 2, 3		1, 4, 5, 6, 7	1
2. <i>Both Sides of the Fence</i> - To voice opinions in a debate format.	1, 2, 5, 8, 13, 16, 17, 18, 23		1	1, 2, 3
3. <i>Weighing Wastes</i> - To measure amount of food wastes produced at a meal and work to reduce wastes for the future.	1, 2, 3	27, 41, 42, 44, 45, 53, 60	1, 2, 7	1, 2, 3
4. <i>Let's Try Organic</i> - To implement organic gardening ideas into a garden setting.	1, 2, 12		1, 2, 4	1, 2, 3
5. <i>Xeriscape</i> - To build a garden site using water conservation concepts.	1, 2		1, 6	1, 2, 3
1. <i>Vermi-Composting</i> - To recycle food wastes with vermi-composting.	1, 2	23, 27, 28, 30, 53, 60	1, 2, 4, 5	1, 2, 3
2. <i>Super Mowing Machine</i> - To utilize creativity to invent a new mowing machine.	1, 2			
3. <i>Grow Cards</i> - To recycle newspaper to create plantable greeting cards.	1, 2, 5, 8, 12, 13, 17, 18, 22		1, 2	1, 3
4. <i>Know & Show Recycling Sombrero</i> - To wearable works of art that displays materials that can be recycled.	1, 2		1	3
1. <i>Plant Pounding</i> - To transfer the likeness of plant parts to fabric.				

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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.	1, 3	23, 27, 28		
4. <i>Garden Folk</i> - To build a scarecrow.	1, 3			1
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.				