

Kindergarten Gardening Unit

Name of Lesson	Iowa/Common Core Concept or Skill	Where to Find It @TeachersGoingGreen.com:
<p style="text-align: center;">Neighborhood Maps</p>	<ul style="list-style-type: none"> • SS.K-2.G.1 Understand the use of geographic tools to locate and analyze information about people, places, and environments. <ul style="list-style-type: none"> ○ Understand representations of the earth such as maps, globes and photographs. ○ Understand representations of locales and regions on maps and globes. 	<p style="text-align: center;">Kindergarten Social Studies</p> <p style="text-align: center;">Map the garden. Useful for planning, documenting, & communicating about the garden.</p>
<p style="text-align: center;">Composting w/ Worms</p>	<ul style="list-style-type: none"> • K-LS1-1 Use observations to describe patterns of what plants and animals (including humans) need to survive. 	<p style="text-align: center;">Kindergarten Science</p> <p style="text-align: center;">Focus on compost & soil</p>
<p style="text-align: center;">What Do Plants Need?</p>	<ul style="list-style-type: none"> • K-LS1-1 Use observations to describe patterns of what plants and animals (including humans) need to survive. 	<p style="text-align: center;">Kindergarten Science</p> <p style="text-align: center;">Learn what plants need</p>
<p style="text-align: center;">Collect and Count</p>	<ul style="list-style-type: none"> • K.CC.C.6 Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group, e.g., by using matching and counting strategies. 	<p style="text-align: center;">Kindergarten Mathematics</p> <p style="text-align: center;">Focus on trash related to gardening</p>
<p style="text-align: center;">Collaboration w/Nature & Math</p>	<ul style="list-style-type: none"> • K.CC.B.4 Understand the relationship between numbers and quantities; connect counting to cardinality. 	<p style="text-align: center;">Kindergarten Mathematics</p> <p style="text-align: center;">How would an artist use natural materials from the garden?</p>
<p style="text-align: center;">Critter Building</p>	<ul style="list-style-type: none"> • K-ESS3-1 Use a model to represent the relationship between the needs of different plants and animals (including humans) and the places they live. 	<p style="text-align: center;">Kindergarten Science</p> <p style="text-align: center;">Necessities for plant & animal life</p>

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We Need Earth Game	<ul style="list-style-type: none"> • SS.K-2.G.2 Understand how geographic and human characteristics create culture and define regions. <ul style="list-style-type: none"> ○ Understand ways in which people depend on the physical environment. ○ Understand the role that resources play in human's daily lives 	<p>Kindergarten Social Studies</p> <p>Play outside, generate list of ways the garden depends on Earth. And humans depend on gardens</p>
How to Build Community	<p>21st Century Skills</p> <ul style="list-style-type: none"> • SS.K-2.PSCL.2 Understand how government affects citizens and how citizens affect government. <ul style="list-style-type: none"> ○ Understand the characteristics of a good leader. <p>Science (Next Generation Science Standards)</p> <ul style="list-style-type: none"> • K-LS-1-1 Use observations to describe patterns of what plants and animals (including humans) need to survive. 	<p>Kindergarten 21st Century Skills</p> <p>After learning about community, the children can form a project related to their garden.</p>
Cricket Thermometer	<ul style="list-style-type: none"> • K.CC.B.4 Understand the relationship between numbers and quantities; connect counting to cardinality. • When counting objects, say the number names in the standard order, pairing each object with one and only one number name and each number name with one and only one object. 	<p>Kindergarten Mathematics</p> <p>Connecting nature and technology</p>
Patterns & Fractals, Weather & Nature	<ul style="list-style-type: none"> • K-ESS2-1 Use and share observations of local weather conditions to describe patterns over time. 	<p>Kindergarten Science</p> <p>Fractals are patterns which can be found in nature, including weather.</p>
Keyboard Game	<ul style="list-style-type: none"> • SS.K-2.BS.2 Understand all people have individual traits. <ul style="list-style-type: none"> ○ Understand that people are alike and different in many ways. • SS.K-2.BS.3 Understand interactions between self and the peer group. <ul style="list-style-type: none"> ○ Understand that telling and listening is a way that people can learn from others. 	<p>Kindergarten Social Studies</p> <p>Play it in the garden or play it indoors.</p>
Blindfold Surprise	<ul style="list-style-type: none"> • SL.K.1 Participate in collaborative conversations with diverse partners about kindergarten topics and texts with peers and adults in small and larger groups. • SL.K.4 Describe familiar people, places, things, and events and, with prompting and support, provide additional detail. 	<p>Kindergarten English Language Arts</p> <p>Use garden produce or other objects from the garden.</p>

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Thinker's Scavenger Hunt	<ul style="list-style-type: none"> • L.K.5 With guidance and support from adults, explore word relationships and nuances in word meanings. 	<p>Kindergarten English Language Arts Learn about the garden with a scavenger hunt</p>
Haiku Poems & Wordles	<ul style="list-style-type: none"> • W.K.2 Use a combination of drawing, dictating, and writing to compose informative/explanatory texts in which they name what they are writing about and supply some information about the topic. • W.K.6 With guidance and support from adults, explore a variety of digital tools to produce and publish writing, including in collaboration with peers. 	<p>Kindergarten English Language Arts Use the garden to inspire haikus & Wordle compositions</p>
Nature Recycle, Shouldn't We?	<ul style="list-style-type: none"> • 21.K-2.ES.4 Develop initiative and demonstrate self-direction in activities. <ul style="list-style-type: none"> ○ Engage in effective problem solving process. 	<p>Kindergarten 21st Century Skills Obtaining food from a garden means less packaging. What else can you learn about recycling from the garden?</p>
Health Memory Game	<ul style="list-style-type: none"> • 21.K-2.HL.5 Demonstrate behaviors that foster healthy, active lifestyles for individuals and the benefit of society. <ul style="list-style-type: none"> • Achieve and maintain health enhancing level of physical activity. <ul style="list-style-type: none"> ○ Practice fitness skills. ○ Practice basic health enhancing physical behaviors. • Practice preventive health behaviors. <ul style="list-style-type: none"> ○ Identify stress and stress relievers. ○ Identify risk behaviors and practice healthy choices. ○ Identify healthy foods. ○ Identify behaviors that contribute to total wellness for individuals, families 	<p>Kindergarten 21st Century Skills Play this game in the garden.</p>