



Celebrate Earth! Unit Kindergarten, First & Second Grades

| Art Activities | | |
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| Lesson | Iowa/ Common Core Concepts | Clean & Green Grade Level & Subject |
| Native American Parfleche | <ul style="list-style-type: none"> RL.2.7 Use information gained from the illustrations & words in a print or digital text to demonstrate understanding of its characters, setting, or plot. | 2nd Grade Literacy |
| Geometric Collect & Recycle | <ul style="list-style-type: none"> 2.G.1. Recognize & draw shapes having specified attributes, such as a given number of angles or a given number of equal faces.1 Identify triangles, quadrilaterals, pentagons, hexagons, & cubes. | 2nd Grade Mathematics |
| Recycled Art | <ul style="list-style-type: none"> Use knowledge of language & its conventions when writing, speaking, reading, or listening. | 2nd Grade Literacy |
| Collaboration with Nature | <ul style="list-style-type: none"> K.C.C.4 Understand the relationship between numbers & quantities; connect counting to cardinality. | Kindergarten Mathematics |
| Photographing a Math Problem | <ul style="list-style-type: none"> 1.O.A.6. Add & subtract within 20, demonstrating fluency for addition & subtraction within 10. | 1st Grade Mathematics |
| Creating a Photo Book | <ul style="list-style-type: none"> Understand that weather changes from day to day & over the seasons. Understand that the sun provides the light & heat necessary to maintain the temperature of the earth. | 1st Grade Science |
| Power Animal Puppets | <ul style="list-style-type: none"> Understand the concept of culture. | 1st Grade Social Studies |
| Planning & Presenting a Puppet Show | <ul style="list-style-type: none"> Understand that a community is a group to which a person may belong. | 1st Grade Social Studies |
| Papermaking | <ul style="list-style-type: none"> 1.MD.1. Order three objects by length; compare the lengths of two objects indirectly by using a third object. | 1st Grade Mathematics |
| A Sound Map | <ul style="list-style-type: none"> Use different perspectives to increase innovation & the quality of work. | 2nd Grade 21 st Century Skills |



Fun Stuff

| Lesson | Iowa/ Common Core Concepts | Clean & Green Grade Level & Subject |
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| Keyboard & Three-Letter Word Forming | <ul style="list-style-type: none">• SL.2.1. Participate in collaborative conversations with diverse partners about grade 2 topics & texts with peers & adults in small & larger groups. | 2nd Grade Literacy |
| Birds of A Feather | <ul style="list-style-type: none">• Understand that people are alike & different in many ways.• Understand that individuals will respond to events differently. | 2nd Grade Social Studies |
| Edible Aquifer | <ul style="list-style-type: none">• 1.O.A.1. Use addition & subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, & comparing, with unknowns in all positions, e.g., by using objects, drawings, & equations with a symbol for the unknown number to represent the problem. | 1st Grade Mathematics |
| Hide a Penny | <ul style="list-style-type: none">• Work appropriately & productively with others. | 1st Grade 21 st Century Skills |
| Thinker's Scavenger Hunt | <ul style="list-style-type: none">• L.K.5. With guidance & support from adults, explore word relationships & nuances in word meanings. | Kindergarten Literacy |
| Haikus & Wordles | <ul style="list-style-type: none">• W.K.2. Use a combination of drawing, dictating, & writing to compose informative/explanatory texts in which they name what they are writing about & supply some information about the topic.• W.K.6. With guidance & support from adults, explore a variety of digital tools to produce & publish writing, including in collaboration with peers. | Kindergarten Literacy |
| Hunting for Treasure | <ul style="list-style-type: none">• Understand representations of the earth such as maps, globes & photographs.• Understand representations of locales & regions on maps & globes. | 2nd Grade Social Studies |
| Blindfold Surprise | <ul style="list-style-type: none">• SL.K.1 Participate in collaborative conversations with diverse partners about kindergarten topics & texts with peers & adults in small & larger groups.• SL.K.4 Describe familiar people, places, things, events &, with prompting & support, provide additional detail. | Kindergarten Literacy |

Critters, Plants & Wandering

| Lesson | Iowa/ Common Core Concepts | Clean & Green Grade Level & Subject |
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| Unbelievable Fantabulous 10 Yard Hike | <p>Science</p> <ul style="list-style-type: none"> Students should answer their questions by seeking information from their own observations, investigations & from reliable sources of scientific. Students use tools such as rulers, thermometers, watches, balances, spring scales, magnifiers & microscopes to extend their senses & their abilities to gather data. <p>Social Studies</p> <ul style="list-style-type: none"> Use different perspectives to increase innovation & the quality of work. Work appropriately & productively with others. | <p>1st Grade Science & Social Studies</p> |
| Creating a Dichotomous Key with Plant Fractals | <ul style="list-style-type: none"> Living things share some common characteristics that are both similar to & different from non-living things. Different species of plants & animals have different observable characteristics by which they can be classified. | <p>1st Grade Science</p> |
| Cricket Thermometer | <ul style="list-style-type: none"> K.C.C.4 Understand the relationship between numbers & quantities; connect counting to cardinality. <ul style="list-style-type: none"> When counting objects, say the number names in the standard order, pairing each object with one & only one number name & each number name with one & only one object. | <p>Kindergarten Math</p> |
| Critter Building | <ul style="list-style-type: none"> K-ESS3-1 Use a model to represent the relationship between the needs of different plants & animals (including humans) & the places they live. Living things share some common characteristics that are both similar to & different from non-living things. Different species of plants & animals have different observable characteristics by which they can be classified. | <p>Kindergarten Science</p> |



| Safe & Challenging Community | | |
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| Lesson | Iowa/ Common Core Concepts | Clean & Green Grade Level & Subject |
| Creating a Neighborhood Map | <p>Science</p> <ul style="list-style-type: none"> Students use tools such as rulers, thermometers, watches, balances, spring scales, magnifiers & microscopes to extend their senses & their abilities to gather data. <p>Social Studies</p> <ul style="list-style-type: none"> Understand representations of the earth such as maps, globes & photographs. Understand representations of locales & regions on maps & globes. | <p>Kindergarten Science & Social Studies</p> |
| Writing a Persuasive Letter | <ul style="list-style-type: none"> W.2.1. Write opinion pieces in which they introduce the topic or book they are writing about, state an opinion, supply reasons that support the opinion, use linking words (e.g., <i>because</i>, &, <i>also</i>) to connect opinion & reasons, & provide a concluding statement or section. | <p>2nd Grade Literacy</p> |
| Planning a Service Project | <ul style="list-style-type: none"> Work appropriately & productively with others. | <p>2nd Grade 21st Century Skills</p> |
| Class Service Project | <ul style="list-style-type: none"> Humans depend on their natural & constructed environments. Humans change environments in ways that can be either beneficial or detrimental to themselves or other organisms. | <p>2nd Grade Social Studies</p> |
| Collective Storytelling | <ul style="list-style-type: none"> RL.K.2 With prompting & support, retell familiar stories, including key details. RL.K.3 With prompting & support, identify characters, settings, & major events in a story. RL.K.7 With prompting & support, describe the relationship between illustrations & the story in which they appear (e.g., what moment in a story an illustration depicts). RL.K.10 Actively engage in group reading activities with purpose & understanding. | <p>Kindergarten Literacy</p> |