



Science Lesson Plans (two weeks of lesson plans from the unit).

Theme: Cutting Down Trash/Recycle-Reuse/Connect to Sustainability

| Monday | Tuesday | Wednesday | Thursday | Friday |
|--|--|--|---|---|
| <p>Intro to Landfills http://videos.howstufworks.com/discovevery/30218-really-big-things-americas-landfills-video.htm (1min)</p> <p>http://meetthegreens.pbskids.org/features/pdf/Greens_Activities.pdf</p> <p>Make A Garbage Dump Pizza Explain that the pie chart shows the main categories of trash that end up in landfills. Have them identify the largest sources of trash on the pie chart. Is this the kind of trash they expected to find in a landfill?</p> <p>~Start Pizza Creations</p> <p>HOMEWORK: http://meetthegreens.pbskids.org/games/ Play a game dealing with an environmental issue. -What was the purpose of this game? -How can you incorporate this into your life?</p> | <p>http://meetthegreens.pbskids.org/features/pdf/Greens_Activities.pdf</p> <p>Continue working on Pizzas</p> <p>Write Ups</p> <ul style="list-style-type: none"> • How does this represent a landfill? • What does it symbolize about our trash? • How can we be part of the solution? • How does learning about landfills connect to our studies on sustainability? <p>HOMEWORK:</p> <p>1) Finish Vermi The Worm Web Quest http://meetthegreens.pbskids.org/games/ Play a game dealing with an environmental issue. -What was the purpose of this game? -How can you incorporate this into your life?</p> | <p>“Bring Your Own Bag” Campaign Kids learn about reusing resources instead of tossing them into the garbage bin. They'll decorate a reusable bag that their families can take to the supermarket.</p> <ul style="list-style-type: none"> • Sketch designs first • Use fabric paints to decorate bags <p>HOMEWORK: http://www.ecokids.ca/pub/games_activities/index.cfm Play a game dealing with the Earth/create a table purpose/what you learned</p> | <p>Continue work on Bag</p> <p>HOMEWORK http://www.ecokids.ca/pub/games_activities/index.cfm Play a game dealing with the Earth/create a table Purpose/what you learned</p> | <p>Unit Wrap Up</p> <p>Extra Credit Homework: Read article http://www.culinate.com/articles/features/wasted_food -Make problem/solution chart -How does this relate to sustainability?</p> <p>Next week: Start setting up Future Farm -sustainable growth unit -Science Fair Class Project</p> |

Theme of the week: FUTURE FARM/ Persuasive Essay for Science Fair

| Tuesday | Wednesday | Thursday | Friday |
|---|---|--|---|
| <p>FIELD TRIP to BOGGY FARM</p> <p>****Kids will water and watch hydroponic farm every day.</p> <p>DAILY: -photos -written observations</p> <p>**Share persuasive paper and have kids locate important parts</p> <p>Homework: read article about hydroponics and make a Venn Diagram comparing Hydroponics vs Traditional Growth</p> | <p>****Kids will water and watch Future Farm every day.</p> <p>DAILY: -photos -written observations</p> <p>READ Benefits of Hydroponic Farms (with science group)</p> <p>**Work on Persuasive Paper of How Hydroponics Could Be the Key to Solving World Hunger</p> | <p>****Kids will water and watch farm every day.</p> <p>DAILY: -photos -written observations</p> <p>**Work on Persuasive Paper of How Hydroponics Could Be the Key to Solving World Hunger</p> <p>Home Work: Solar Cooking http://video.nationalgeographic.com/video/player/environment/ How is using a solar cooker a sustainable solution? What is the benefit of using a solar cooker? How does it help the environment?</p> | <p>****Kids will water and watch farm every day.</p> <p>DAILY: -photos -written observations</p> <hr/> <p>Choose student work for science fair board</p> <p>**Work on Persuasive Paper of How Hydroponics Could Be the Key to Solving World Hunger</p> <p>Monday-Tuesday---Set up Science Fair Board</p> <p>After Thanksgiving Problem/Solution and Sustainable Foods Article</p> <p>Environmentalism On The Halfshell http://video.nationalgeographic.com/video/player/environment/ How does farming help sustain oyster populations? How does this video relate to sustainability?</p> |