EES Green School

Edgewater Elementary School
Green School Professional Development
October 2022
Our Goal

Edgewater Elementary School is committed to improving the school environment through environmental education, student leadership and community partnerships.
Our Focus

01 Systemic Sustainability
Electronic Newsletters, 50% electricity buttons

02 Student-Driven Sustainability Practices
Energy Conservation, Solid Waste Reduction

03 Environmental Education
Documentation from EACH grade level

04 Professional Development

05 School Wide Celebrations
National Bike and Walk to School Day
Environmental Issue Instruction

- **Document STUDENT LEARNING**
- Service projects will be documented under Student Driven Sustainability Practices

<table>
<thead>
<tr>
<th>Grade</th>
<th>Topic</th>
<th>Summary</th>
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<tbody>
<tr>
<td>Pre K</td>
<td>How can we take care of the Earth?</td>
<td>Science/Social Studies Theme 3 Unit 1 Week 4: Students determine harmful things that affect our Earth, define and describe trash, observe and explain how trash goes to landfills, recognize materials and items that can be reused to make less trash, recognize materials and items that can be recycled to make new things, identify litter in the school yard, identify their responsibility not to litter, contribute to an environmental action plan.</td>
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<tr>
<td>1</td>
<td>How can we help Monarch butterflies?</td>
<td>Part 1: Science/SS/EL Theme 1 Unit 2: Caterpillars in the classroom/migration lessons: caterpillars &amp; milkweed gathered from school gardens or provided by EL/DE office. Part 2: Science/SS/EL Theme 4 Unit 3: Monarch garden maintenance and introduction to how a Monarch garden grows and travels have been sent to all schools. EL/DE office surveys schools each year to assess the condition of gardens. New gardens installed or additional plants provided as needed. Recruitment and training of Eco-buddies ongoing.</td>
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<td>2</td>
<td>How can we improve wildlife habitats?</td>
<td>Science/SS/EL Theme 3 Unit 1: We Are Environmental Stewards. Students investigate a variety of habitats and learn about human impact on the environment. Students grow native plants from seed in the classroom to plant at home to improve habitat. Some of the plants are used to meet science standards as well. Seeds provided by EL/DE. Soil in science kits.</td>
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<tr>
<td>3</td>
<td>How can we make a positive change in the environment?</td>
<td>Social Studies Theme 4: Environmental Action Project. Class chooses an issue to investigate and address.</td>
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<td>4</td>
<td>How can we make a difference?</td>
<td>Science: Theme 1: Prehistoric Problems; Theme 2: Motion; Themes 3 and 4: Energy. Environmental literacy is integrated into the science curriculum. Each theme has an adapted or alternative project in the curriculum.</td>
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<tr>
<td>5</td>
<td>How can we take action to solve a local environmental problem?</td>
<td>Social Studies Theme 3: Students learn about the environmental problems caused by single-use plastic bags. Students learn about environmental laws and specifically, various types of bag laws. Students choose an action project to address the problem of single-use plastic grocery bags.</td>
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Student Drive Sustainability Practices

- Outdoor Learning
- Water Conservation/Pollution Prevention
- Energy Conservation
- Solid Waste Reduction
- Habitat Restoration
- Girls on the Run
## Application Process and Timeline

<table>
<thead>
<tr>
<th>Application Timeline</th>
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<tr>
<td><strong>Application Due Date</strong></td>
<td>March 2023</td>
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<tr>
<td><strong>All Artifacts Collected</strong></td>
<td>December 2022</td>
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## Example Documentation

### Student Driven Sustainability Practices

Energy Patrol collecting data on the number of classrooms leaving their lights on when there was no one in the room.

We created inkjet posters to place next to all light switches to remind students and staff to turn off the lights when they leave the room.

### Environmental Education

Students learned about solid waste reduction and researched possible solutions to the problem.

Students used their research to create newspaper articles about solid waste reduction.
Upload Documentation on
Google Drive