Gilpin Manor
Elementary
Green School

September 14, 2022
What is Green School?

- Allows a school to demonstrate that by integrating hands-on, inquiry-based instruction, youth are empowered to apply knowledge practically.

- **Why?** At school, home, and in their communities, students to reduce pollution, decrease waste, increase habitat, limit carbon emissions, as well as create a healthy learning and living environment.

- The program is designed to highlight achievements and progress that schools are making with the Maryland Environmental Literacy requirement as set forth in COMAR.
### Who is Green School certified in CCPS?

<table>
<thead>
<tr>
<th>Cecil County</th>
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<tbody>
<tr>
<td>Bainbridge Elementary School (2014, 2018)</td>
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<tr>
<td>Bay View Elementary School (2015, 2019)</td>
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<tr>
<td>Calvert Elementary School (2017)</td>
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<tr>
<td>Cecil Manor Elementary School (2020)</td>
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<tr>
<td>Charlestown Elementary School (2018)</td>
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<tr>
<td>Cherry Hill Middle School (2017)</td>
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<tr>
<td>Kenmore Elementary School (2020)</td>
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<tr>
<td>Leeds Elementary School (2016, 2020)</td>
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<tr>
<td>North East Elementary School (2017)</td>
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<tr>
<td>Perryville Elementary School (2020)</td>
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<tr>
<td>Rising Sun Middle School (2012, 2016, 2020)</td>
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<td>Thomson Estates Elementary School (2018)</td>
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Recertification Year *
Green School **Sub-Committee**

- Administration (Mr. Foskey & Dr. Casbolt)
- Lori Pitcock (Facilitator)

**WE NEED YOU!**
How do we apply to be a Green School?

- Application has 3 parts/objectives
- Document **EVERYTHING** we do connected to environmental education (student work, pictures, lesson plans, etc) **Place it in the folder!**
What are we already doing?

- Environmental Lessons aligned to NGSS, C3, STEAM and MSDE Environmental Literacy Standards
  - 1st grade - Investigate Living World, Wiggly Worms
  - 2nd grade - Monarchs & Milkweed, IPM in Mariana EIE kit
  - 3rd grade - Hydroponic gardening systems, tadpoles
  - 4th grade - Living Structures & Process, Earth’s Changing Surfaces & Maryland Geography
  - 5th grade - Teyha EIE kit
- Fair Hill Field Trips or Visits
- Earth Day Celebrations
- Other Community Partnerships
- Green School Areas on Property - Community Garden
# Green School Objectives

## Objective 1: Systemic Sustainability

**Objective 1 – Curriculum & Instruction**

<table>
<thead>
<tr>
<th>Objective</th>
<th>Meets standard Y/N</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>1.1 Environmental Issue Instruction Elem/Middle - all grades; High – at least 4 subjects</td>
<td>Doc</td>
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<tr>
<td>1.2.1 Professional Development All staff know of Green School App</td>
<td>Doc</td>
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<tr>
<td>1.2.2 Professional Development 10% have EE Prof Dev</td>
<td>Doc</td>
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<tr>
<td>1.3. School-Wide Environmental Behavior Changes At least one non-student driven practice</td>
<td>Doc</td>
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**Additional Notes:**
Where we are on... Objective #1 -

1.1- Environmental education at every grade level...
   - Health education in all grades - Personal Wellness
   - Fair Hill Trips
   - Science units grades 1-5

1.2- Professional Development...
   - TODAY’s TRAINING - Make sure you signed in

1.3- School-wide Environmental Behavior Changes
   - Integrated Pest Management (IPM - Gr2)
   - Electronic Newsletters (Staff and Parent)
   - Two-sided copying
   - Chromebooks in the classrooms
Objective 2: Sustainability Practices (Required: 4 of 8)

*Required:* A minimum of four sustainable practices, each with 1 example of student involved/driven activities in each. Ideally, most students in the school will be involved in at least one practice, a breadth of ages and grades would be seen on the application. Chart activity with name, date, 1-2 sentence description, and metrics.

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<thead>
<tr>
<th></th>
<th>Meets standard</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>2.1 Water Conservation / Water Pollution Prevention</td>
<td>Doc</td>
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<td>2.2 Energy</td>
<td>Doc</td>
<td></td>
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<td>2.3 Solid Waste Reduction</td>
<td>Doc</td>
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<tr>
<td>2.4 Habitat Restoration</td>
<td>Doc</td>
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<tr>
<td>2.5 Structures for Environmental Learning</td>
<td>Doc</td>
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<tr>
<td>2.6 Responsible Transportation</td>
<td>Doc</td>
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<tr>
<td>2.7 <strong>Healthy Home</strong>/School Environment</td>
<td>Doc</td>
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<tr>
<td>2.8 Citizen Science / Community Science</td>
<td>Doc</td>
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Objective #2..... (Only have to do 4 of 7)

- 2.1- Water Conservation
  - Students remove litter from School
  - Students create hydroponic or aquaponic gardening systems (3rd grade)

- 2.2- Energy Conservation
  - Energy-saving tips
  - Light switches labeled: Turn off Lights
  - Classroom job - Turn off the lights
  - Energy Patrol - I have a GT idea to cover this!
Objective #2.. (Only have to do 4 of 7)

- 2.3- Solid Waste Reduction
  - Posters of the 3R’s to hang up in school
  - Recycled ART projects
  - Students communicate via classroom blogs rather than with paper (Google Classroom)
  - Students turn in assignments electronically (Google Drive)

- 2.4- Habitat Restoration
  - Students plant or tend native plant gardens in schoolyard
  - Students install/monitor butterfly boxes (2nd grade- Monarch butterflies)
  - Students remove invasive plants from schoolyard or neighboring parks

- 2.5- Structures for Environmental Learning - Outdoor Classroom

- 2.6- Responsible Transportation - No Idling Zones

- 2.7 - Healthy School Environment - Water Challenge (2021), Healthy Lunches, Outside Activities
**Objective 3: Community Partnerships, and Special Recognition**

*Required:* One sustained partnership where the partner is active in the school. *Optional:* One sustained partnership where the school is active in the community (can be the same partner organization or a different one).

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<tr>
<td>3.1.1 School active in the community</td>
<td>Doc</td>
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<tr>
<td>3.1.2 Community active in the school</td>
<td>Doc</td>
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<tr>
<td>3.2 Awards and Recognition Optional</td>
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**Additional Notes:**
Objective 3 - Community Partnerships

- Fair Hill Nature Center
- Summer Volunteer Groups - Camp Invention
- K-Kids
- Library Out Back
- Boy Scout Eagle Projects
  - Create some Bluebird Boxes
What do we still need to do?

- **Evidence of Activities** in **Green School** Folder
  
  TAKE A PICTURE OF EVERYTHING YOU THINK WILL HELP!

  ○ Lesson Plans (C3, NGSS, MELS, Health/PE, etc) **WITH** pictures of student work and them doing the acts.

  ○ Pictures of students/staff completing tasks in objectives 1-3

- Complete the application - Pitcock will handle this aspect.
What Comes Next?

- TAKE PICTURES!
- Upload PICTURES to Green School Folder!
  - On the GMES Dashboard
Any questions?