Patapsco Green School
A partnership between Patapsco students, staff and community.

Children are the seeds of change. They are our new generation change makers.

Our Role
As educators it is our responsibility to model and promote sustainability and stewardship of our planet.

What is a Maryland Green School?
- National recognized program that encourages schools and their communities to evaluate their effort in environmental sustainability
- Incorporate authentic environmental education into their curriculum
- Use Best Practices for environmental sustainability and conservation
- Transform education through the use of hand-on, inquiry based instruction that is designed to empower youth

Benefits of Being a Green School
1. High Achievement
   Study by Towson University indicated improved test scores
2. Nature
   Students get to be outside and interact with nature
3. Healthier
   Improved Environment with school and community
4. Impact
   Understand their impact on our ecosystem

Objectives
1. Learning
   Practical learning outside the classroom on conservation, energy efficiency and waste management
2. Inspiring
   Take what they know and apply it to our greater community
3. Acting
   Making learning into actions and habits to improve our environmental impact
4. Positive Attitude
   Initiate a mental understanding towards our environmental initiatives
**Application**

1. **Curriculum**
   - All 6th, 7th, and 8th graders are engaged in an MWEE
     - Climate Change
     - Land Usage
     - Ocean Acidification

2. **Practices**
   - 2.1 Water Conservation/Pollution Prevention
   - 2.2 Energy Conservation
   - 2.3 Solid Waste Reduction
   - 2.4 Habitat Restoration
   - 2.5 Structures for Environmental Learning
   - 2.6 Responsible Transportation
   - 2.7 Healthy School Environment
   - 2.8 Citizen/Community Science

3. **Community Partners**
   - Towson University (Loaner Labs)
   - Cornell University (Bird Watcher)
   - Howard County Conservancy
   - - Author - Patricia Newman
   - Master Gardeners
   - HCPL
   - WSA
   - Seeking Staff Input of additional partners

4. **Future Events**
   - Installation of LED Light
   - Recycling at Lunch (KORT)
   - Box Garden?
   - Input
   - Student
   - Staff

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**How can you help?**

Capture students in action and send me a brief summary of how students are actively engaged in learning about the environment and conservation efforts.

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**Think about what you are already doing in your classroom**

- Cross curricular activities that investigate the environment (e.g., calculate area of a school garden in math).
- Using the schoolyard, community, or field trip locations for outdoor education integrated into the curriculum.
- Incorporating outdoors in artwork or music education.
- Lessons on energy efficiency, pollution, clean water, reading and discussing The Lorax, are examples.
- Activities that connect pressing environmental topics such as climate change, decreasing biodiversity, nitrogen cycle and other issues within your curriculum.

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**STAFF INITIATIVES**

**PAPER USAGE**

- Mission: Decrease the amount of paper used by staff
  - Printing Double Sided or Half Sheets
  - Utilizing Google LTI in Canvas
  - Future - Utilize Virtual PDGs for School Wide Promotions

**ENERGY USAGE**

- Mission: Decrease the amount of energy consumption
  - Turn your lights off when you leave the room.
  - Only turn on ½ of the lights (switch)
  - Working on changing lights to LED
  - Green team creating light switch covers

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**coming up**

- Newsletter
  - Be on the lookout for conservation tips
- **STAFF Meeting**
  - Ann Strouk - HC Conservancy on Climate Change
- **UPCYCLING**
  - Terracycle or Crayola
- **Re-Store**
  - At the EOY collecting unused school supplies
- **Green Team**
  - GT Seminar Group - Meeting for student led initiatives
- **LED Bulb Changes**
  - Aiming to decrease our lunch waste on Wed

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**So, what does an artifacts look like?**

- Demonstrate and document student environmental actions. Showing that students are planning, implementing, and leading environmental practices.
  - Snapshot/image of student work/reflections
  - A demonstration of the project development
  - Photos of students engaged in the designing/building and/or maintaining of sustainability practices

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**Mission:** Decrease the amount of energy usage
- Changing over to t-5 Fluorescent Lighting
- Terracycle or Crayola
- Aiming to decrease our lunch waste on Wed

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- Utilizing Google LTI in Canvas
- Future - Utilize Virtual PDGs for School Wide Promotions
Patapsco is striving to become a Green School

And you can help!