

# Patapsco

## Green School

A partnership between Patapsco students, staff and community.

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

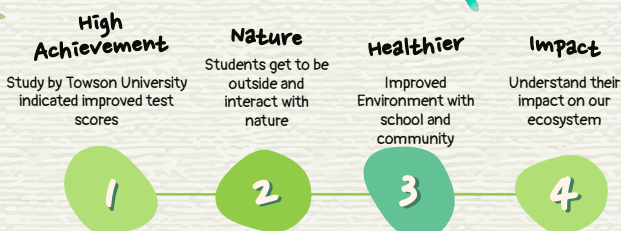
## our Role

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



## objectives

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- 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



## So, what does an artifact look like?

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

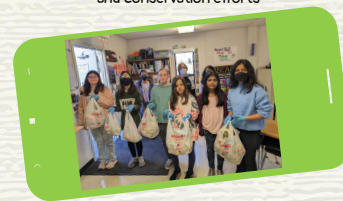
## Think about what you are already doing in your classroom

- 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



## 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



Zero Waste

## 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 PDFs 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 1/2 of the lights (switch)
- Working on changing lights to LED
- Green team creating light switch covers

## coming up

### Newsletter

Be on the lookout for conservation tips

### Staff Meeting

Ann Strozak - HC Conservancy on Climate Change

### waste free wed

Aiming to decrease our lunch waste on Wed

### upcycling

Terracycle or Crayola

### Re-Store

At the EOY collecting unused school supplies

### knight Show Tips

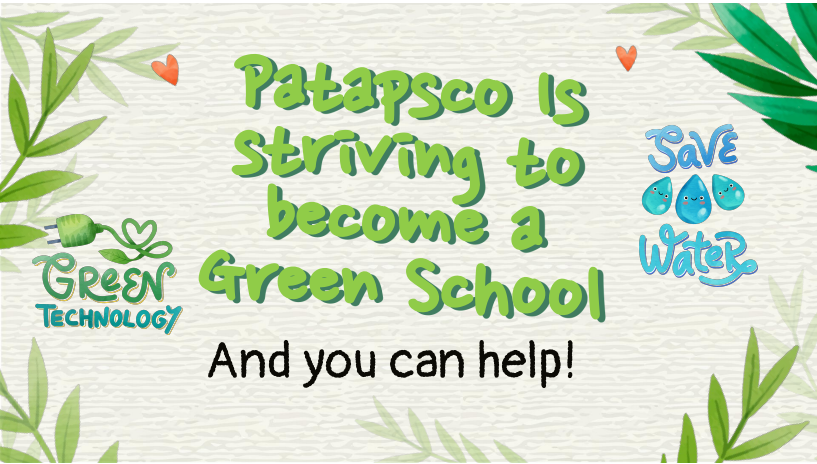
Energy Savings Tips from students

### Green Team

GT Seminar Group - Meeting for student led initiatives

### LED Bulb changes

Changing over to t-5 Fluorescent Lighting



Patapsco is  
Striving to  
become a  
Green School

And you can help!

