



Windsor Elementary School, Isle of Wight County Schools
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Grade: 5th

Overview Students had to research negative impacts to the Chesapeake Bay and propose solutions to improve the environment.

Driving Question How can I improve the environment of the Chesapeake Bay?

Postcard

Student Reflections Most enjoyable part of the Chesapeake Project:

- "Learning about invasive species"
- "Going on field trips"
- "Writing the paper and researching blue crabs"
- "Meeting new people and talking about what I went through to do this project"
- "Writing using the computers"
- "Telling people information that they didn't know"

Teacher Reflection "Ensure that backwards plan leaves room for unexpected delays due to publishing constraints. Be mindful of previously acquired skills in prior grades (ex. Google doc usage, research and composition skills)."

Lessons Learned "Incorporate more content areas (ie. math)."

Did Project Meet Goals? 5 out of 5 (Definitely would Recommend)

PBL Unpacked (on page 2)

As identified using "Unpack My PBL" within www.pblounge.org



PBL Unpacked

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WANTS	NEEDS
<p>Public Project</p> <p style="padding-left: 20px;"><i>Interacting:</i> Exhibit/Contest <i>Producing:</i> Product Other Student-created Content¹</p> <p style="padding-left: 20px;"><i>Revising/Iterating:</i> Revise a Product or Service Participate in a Rehearsal</p> <p style="padding-left: 20px;"><i>Presenting:</i> Utilize Visuals</p> <p>Media Produced</p> <p style="padding-left: 20px;"><i>Print or Other Media:</i> Other Student-produced Media² <i>Technical Writing:</i> Article/Script/Essay (Non-fiction) Lab/Research Report</p> <p style="padding-left: 20px;"><i>Physical Drawings/Fine Arts:</i> Illustration</p> <p>Real World Exploration</p> <p style="padding-left: 20px;"><i>The Physical World:</i> Animals, Pets & Wildlife Exploring Earth & Space Climate, Nature & Natural Resources</p> <p style="padding-left: 20px;"><i>Humans in the World:</i> Consumers & Industry Ethics Habitation & Population Modern Living News, Events & Politics</p> <p style="padding-left: 20px;"><i>Of the Mind:</i> Implications of Decisions</p> <p>Authentic Industries & People</p> <p style="padding-left: 20px;"><i>Career & Technical:</i> Architecture & Construction Agriculture & Agribusiness</p> <p style="padding-left: 20px;">Business/Entrepreneurship Energy, Environment, Resources Law, Public Safety, Corrections Manufacturing Non-profits & Associations</p>	<p>Questions & Themes</p> <p style="padding-left: 20px;"><i>Challenging Problem:</i> Build a Better World <i>Themes:</i> Environmental</p> <p>Project Parameters</p> <p style="padding-left: 20px;"><i>Project Timeframe:</i> More than 8 Weeks <i># of Project Members:</i> Individual <i>Grade Level:</i> Elementary <i>Authentic Connections:</i> Peers Parents Teachers & Administrators Community Members</p> <p>Success Skills</p> <p style="padding-left: 20px;"><i>Creativity:</i> Brainstorm Change Design/Create Elaborate/Expand Envision Improve/Refine</p> <p style="padding-left: 20px;"><i>Communication:</i> Point of View <i>Collaboration:</i> Encourage Others Incorporate Feedback Work Fluidly to Meet Deadlines</p> <p style="padding-left: 20px;"><i>Critical Thinking:</i> Analyze Innovate Clarify Meaning Critique Reasoning of Others</p> <p style="padding-left: 20px;"><i>Manage People or Deadlines:</i> Persuade</p> <p style="padding-left: 20px;"><i>Instilled Citizenship Values:</i> Personal Responsibility Sense of Public Duty Civic Activities/Organizations Community Service Community & Public Issues Social Responsibility Lifestyle Respecting Environment</p> <p>Areas of Knowledge & Understanding</p> <p style="padding-left: 20px;"><i>Humanities:</i> Composition & Linguistics <i>Sciences:</i> Earth & Geo Sciences <i>Social Sciences:</i> Economics</p>

Notes

¹ Other Student-created Content: Published book available for purchase by the public.

² Other Student-produced Media: Book; Student Solution Essays (non-fiction) based on research; Puzzle pieces decorated with different depictions of the Chesapeake Bay.

For additional resources provided with this PBL, follow links beneath the **Chesapeake** thumbnail on the [Isle of Wight County Schools](#) page within the [PBL Lounge](#).

