



**Smithfield High School**, Isle of Wight County Schools  
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**Overview** This is a regional-specific, community-relevant project. Much of the economy (tourism and industry) of the Tidewater area is dependent on the water quality of the Chesapeake Bay. Students need to be aware of their impact on the Chesapeake Bay through, for example, industry, farming, urbanization, and resource consumption.

Postcard

**Driving Question** How do we study the environmental impacts people have on the marine life and economy of the Chesapeake Bay?

**Student Reflections**

Student 1: "I learned throughout this project leadership, hard work, and problem solving."  
 Student 2: "You can't just stick pieces on a boat and say you've built a boat. You have to observe; measure; have a plan."  
 Student 3: "I loved the engagement of being involved in a hands-on project."  
 Student 4: "It was really amazing being interviewed by the newspaper."  
 Student 5: "Being able to work on this project made people closer in the classroom. Because they worked together for so long they start to converse with each other outside the classroom."

**Lessons Learned** "I would change the course description to include the boat build then I would provide enough materials so that every student in the class was involved in physically building a boat."

**Did Project Meet Goals?** 3 out of 5 (Neutral)

**PBL Unpacked**

As identified using "Unpacking Tool" within [www.pblounge.org](http://www.pblounge.org)

	WANTS	NEEDS
<b>Public Project</b>	<p><i>Interacting:</i> Exhibit / Contest                      Film / Documentary                      Marketing or Sale of Product</p> <p><i>Producing:</i> Product                      Portfolio / Presentation Board</p> <p><i>Revising/Iterating:</i> Create Storyboard</p> <p><i>Presenting:</i> Utilize Visuals</p>	<p><b>Questions &amp; Themes</b></p> <p><i>Challenging Problem:</i> Reveal the World  <i>Themes:</i> Environmental</p> <p><b>Project Parameters</b></p> <p><i>Project Timeframe:</i> More than 8 Weeks  <i># of Project Members:</i> Small Group  <i>Grade Level:</i> High School  <i>Authentic Connections:</i> Teachers &amp; Administrators                      Community Members</p>
<b>Media Produced</b>	<p><i>Internet Media:</i> Social Media Page</p> <p><i>Digital Content:</i> Video Content                      Digital Photography</p> <p><i>Tactile:</i> Building</p> <p><i>Technical Writing:</i> Budget, Cost Analysis or ROI                      Interview Questions                      Marketing Pitch / Brochure</p>	<p><b>Success Skills</b></p> <p><i>Creativity:</i> Improve/Refine  <i>Communication:</i> Engage Creatively  <i>Collaboration:</i> Encourage Others                      Incorporate Feedback                      Influence through Leadership                      Maximize Strengths of Team Members                      Respond to Failure                      Work Fluidly to Meet Deadlines</p>
<b>Real World Exploration</b>	<p><i>Humans in the World:</i> Civilizations &amp; Cultures                      Historical Times &amp; Periods                      Humanitarian Issues                      Modern Living                      News, Events &amp; Politics</p>	<p><i>Critical Thinking:</i> Assemble Parts of a Whole                      Balance / Weight Alternatives                      Critique Reasoning of Others                      Overcome Obstacles                      Manage People or Deadlines</p>
<b>Authentic Industries &amp; People</b>	<p><i>Career &amp; Technical:</i> Architecture &amp; Construction                      Energy, Environments &amp; Resources</p>	<p><i>Instilled Citizenship Values:</i> Personal Responsibility                      Interact Respectfully In-person/Online                      Strong Personal / Work Ethic                      Student / School Governance</p>
		<p><b>Areas of Knowledge &amp; Understanding</b></p> <p><i>Sciences:</i> Maritime / Marine Sciences</p>

