



Hardy Elementary School, Isle of Wight County Schools
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Overview In order to discover the scientific process by connecting students to the environment through gardening. Students will demonstrate their knowledge of the scientific process successfully growing a raised bed garden. **Why:**

- Change attitudes towards learning
- Gain an understanding of living and nonliving things and how they are interdependent in a system
- Connect students to the environment
- Continue to practice the importance of being craftsmen
- Foster a love of learning on a topic of student interest.
- Discover how seasonal and weather changes affect the environment

Driving Question Where does our food come from?

Postcard

Student Reflections

- "I had lots of fun today because we put the soil down and got dirty." —*T.S.*
- "The highlight of my day was getting to work outside." —*M.G.*
- "At Food Lion, my favorite thing was learning that some fruits or vegetables that don't look good are sometimes really good like the pears!! My highlight of the day was learning because learning makes me smarter!!" —*J.C.*
- "My highlight of my day was doing field work. It was fun because we got to explore!!" —*A.W.*
- "My highlight of the day was the field trip because it was so nice of them to take their time to share with us." —*K.H.*
- "I felt good raking leaves with my friends. I was determined to do it even though I got tired. But it was fun helping my friends." — *K.S.*

Teacher Reflection "I along with others developed this project in order to create a passion for learning in my students. I am amazed at the enthusiasm and excitement that the students have for their own learning. They are truly engaged in their learning. Most days, they do not even want to go home because they would rather continue working on the garden. I am extremely proud of each child in this class. The outpouring of support from our local businesses, parents, and community members has been humbling and overwhelming. We can't thank everyone enough for their generosity.

I would try to get grants and get community members involved because it can be expensive. If you are wary of doing this project because you don't really know anything about gardening, I can reassure that doesn't matter. Our class invited in lots of experts and read lots of books."

Lessons Learned "Do it as a year long project instead of starting in February!"

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><i>Performing:</i> Exhibition <i>Interacting:</i> Exhibit/Contest <i>Producing:</i> Product Garden <i>Revising/Iterating:</i> Execute Multiple Drafts</p> <p>Media Produced</p> <p><i>Internet Media:</i> Social Media Page <i>Nature-related:</i> Gardening <i>Print Media:</i> Print Advertising <i>Artistic Competition:</i> Journal/Diary <i>Technical Writing:</i> Interview Questions</p> <p>Real World Exploration</p> <p><i>The Physical World:</i> Nature & Natural Resources</p> <p>Authentic Industries & People</p> <p><i>Career & Technical:</i> Architecture & Construction Advertising, PR & Marketing Agriculture & Agribusiness STEM Research & Applications</p>	<p>Questions & Themes</p> <p><i>Challenging Problem:</i> Reveal the World <i>Themes:</i> Field-based Work</p> <p>Project Parameters</p> <p><i>Project Timeframe:</i> More than 8 Weeks <i># of Project Members:</i> Flexible Group <i>Grade Level:</i> Elementary High School</p> <p><i>Authentic Connections:</i> Peers Parents Teachers & Academicians Community Members</p> <p>Success Skills</p> <p><i>Creativity:</i> Brainstorm Change Design/Create Envision Improve/Refine</p> <p><i>Collaboration:</i> Develop Trust Encourage Others Ignore Distractions Incorporate Feedback Influence thru Leadership not Authority Maximize Strengths of Team Members Respond to Failure</p> <p><i>Critical Thinking:</i> Analyze Overcome Obstacles Persuade</p> <p><i>Instilled Citizenship Values:</i> Habits of Mind & Heart Community Service</p> <p>Areas of Knowledge & Understanding</p> <p><i>Communication:</i> Mass Media <i>Mathematics:</i> Basic Math <i>Sciences:</i> Bio Sciences</p>

For [additional resources](#) provided with this PBL, follow links beneath the [Growing2Learn](#) thumbnail on the Isle of Wight County Schools page within www.pblounge.org.

