

**! WARNING**

*Your students will never forget you!*

**Do you want your students  
to change the world?**

**Do you want to teach  
lessons that matter?**

**Do you want to make learning  
meaningful, memorable, and fun?**

**Be the teacher who stands out!**

Making project-based learning (PBL) a reality takes time—a teacher's most precious commodity. Teachers don't have time to convince experts to visit the class, create lessons that integrate content across the curriculum, scour the web for the best online resources, and find partner classrooms to collaborate with. That's where Blue Apple comes in.

**We do the heavy lifting in the planning, so you can do what you do best...teach!**



*Get started at* **BlueAppleTeacher.org**



**BLUE APPLE**

FOR TEACHERS WHO WANT TO **STAND OUT**

**Engagement = Achievement**

# How will your students **make the world a better place?**

## GRADE 4



### Can a cookbook save your life?

We need food to live, but are we making the best choices when it comes to nutrition? A healthy, well-balanced diet can help people achieve optimal health and reduce the risk of illness. In this project, students will learn to make healthier choices by diving deep into the world of nutrition. Students will use their creativity to design and test healthy recipes. They will think like dietitians, using data to improve on their delicious designs. Finally, they'll present their nutritious dishes to a live audience and create a cookbook to sell for a charitable cause!



### Can 4th graders improve water quality for our planet?

Water is essential for life. All living things depend upon it. Yet every day, our actions contribute to pollution that is detrimental to our waterways—and ultimately our watersheds. In this project, students will take action to protect our watersheds. They will investigate water samples to determine what's in their water, and investigate ways to improve water quality. Then, they'll share what they've learned by creating a fundraiser to raise money for a charity that focuses on improving water quality and water pollution issues.



### Will our state survive the next 100 years?

Every state is uniquely great. From coastline to mountains to rolling prairies, our landscape is diverse. In this project, students will become aware of the need for a sustainable world by focusing directly on their own state's sustainability. They will use their creativity to design a book about their state that informs readers how small changes can develop a more sustainable world. Finally, they'll publish their book and sell it for a charitable cause!



### How can we stop germs in their tracks?

GERMS. They lurk in every classroom. Each year, students miss an estimated 164 MILLION school days due to illness. In this project, students will fight back against these microscopic monsters with this public-service project designed to make your school—and the world—a safer and healthier place. They will collect germs from common surfaces such as desks, laptops, and more. Then, they'll test the effectiveness of disinfectants in fighting germs. Finally, they'll create a public service announcement for their school!



### Can 4th graders inspire change in public policy?

Students hold great potential for change. Yet, public policy decisions are hardly (if ever) influenced by the creativity, interest, and experience of our smallest citizens. In this project, students will take a stand in support of a public policy issue that matters to them. They will learn about all sides of several topics like education and the environment. Through respectful discourse, they will construct and articulate well-researched positions on a topic of their choice with an inspirational podcast!



Every Blue Apple project engages students in memorable, meaningful, experiences where they apply critical and creative thinking to real-world problems—while learning the content you actually have to teach!

## GRADE 5



### How can we make a memory live on forever?

Older generations have so much to teach us—if we take the time to listen. Every community has people who have lived long, full lives with valuable stories, knowledge, and skills to share. In this project, students will make friends with a resident of a retirement home. They will listen to the story of their new friend's life, and craft a biography capturing the moments that made their life meaningful!



### Can a few cents revitalize a community?

Around the world, millions of talents go to waste because people lack the resources to get started. In 2006, Muhammad Yunus won the Nobel Peace Prize for his innovative idea of microlending to help impoverished communities. In this project, students will learn how microlending can be an incredibly powerful force for good. Your class will raise and lend money to entrepreneurs in developing nations who are trying to make a positive impact on the world.



### Can 5th graders create a class full of millionaires?

Each year, millions of people are crushed by the burden of debt. Millions more are empowered by the miracle of savings and investment. In this project, students will learn the essentials of financial literacy—and use those skills for good by getting high school students “interested” in making smart financial decisions. Watch as your students form meaningful relationships while coaching teens on important money management skills.



### Can we save our school money while saving the planet?

Energy is expensive. Plus, using too much energy is bad for the planet. In this project, students will conduct an energy audit of their school to help the planet—and their school's pocketbook. Then, they will design, test, refine, and share solutions to reduce energy consumption. Finally, students will pitch the costs and benefits of their solutions to stakeholders!



### Can Earth be saved... or is Mars our only hope?

Life on Earth is precious and precarious. Every day, more species go extinct as our world becomes more polluted. People are fighting to make a difference—but is it enough? Or should we look to the skies to save our species? In this project, students learn about the importance of environmental protection, and about the wonders of Mars. They choose whether to support environmental protection or space exploration, and create a commercial to raise money for their cause.

**Hundreds of online resources +  
a supporting kit of materials =  
everything you need to be a Blue Apple Teacher!**



# Blue Apple PBL Framework

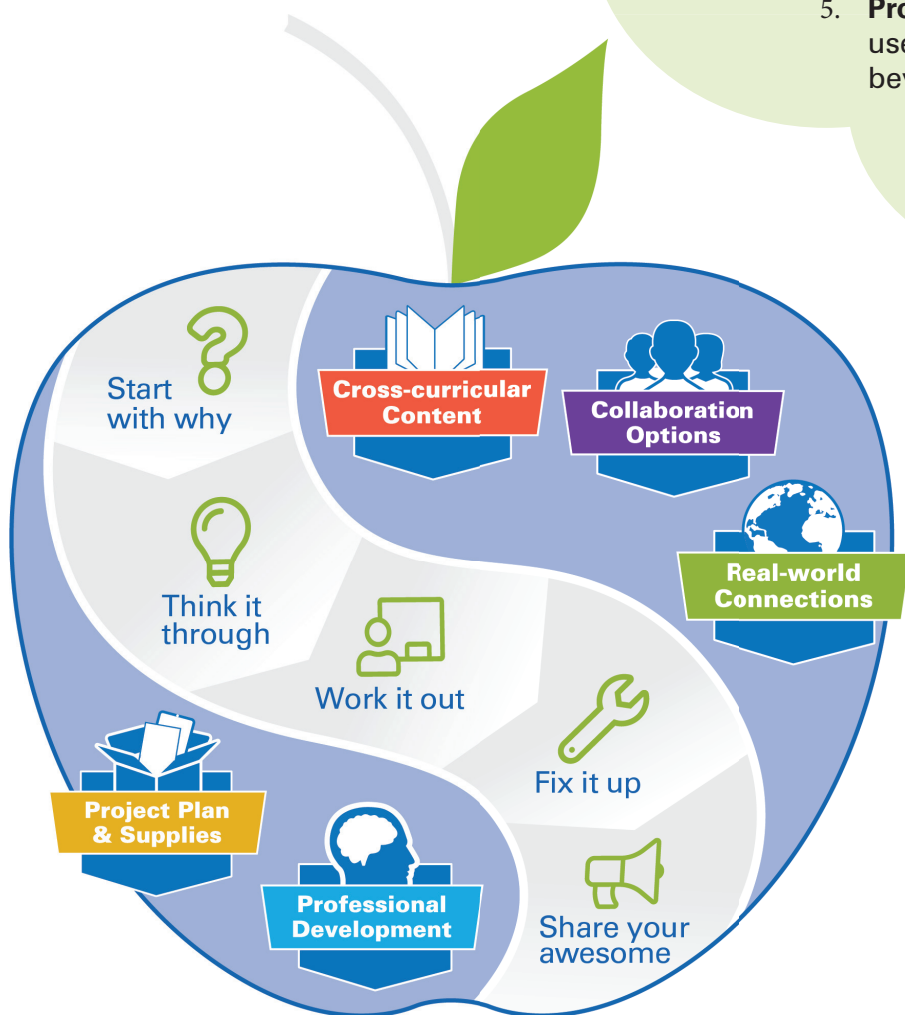
We search for teachers creating remarkable learning experiences and select the very best PBL units we can find. We curate those winning ideas into a 5-step process for each lesson and added PBL supports that turn ordinary lesson plans into cohesive, integrated, engaging learning experiences. This is the Blue Apple PBL Framework.

## PBL 5-Step Process

1. **Start with why:** Motivate students with a compelling question and engaging hook.
2. **Think it through:** Guide students in exploration and discovery.
3. **Work it out:** Support collaborative teams as they apply critical and creative thinking to real-world problems.
4. **Fix it up:** Encourage iterative thinking with purposeful feedback and revision.
5. **Share your awesome:** Give work relevance and meaning by presenting it to authentic audiences.

## PBL Supports

1. **Project Plan and Supplies:** Facilitate sustained inquiry with engaging, purposeful lessons and materials for hands-on activities.
2. **Real-world Connections:** Boost engagement and relevance by connecting students with real-world experts and influencers.
3. **Cross-curricular content:** Integrate content-area instruction in the context of an authentic learning experience to deepen understanding.
4. **Collaboration Options:** Foster openness to new ideas by partnering with other classes doing the same project.
5. **Professional Development:** Discover point-of-use teaching tips and tricks that can be applied beyond the current project.



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