



## Queen Anne Elementary Project Based Learning Showcase and



## Maker Space MarketPlace

**QAE Project Based Learning Showcase:** QAE's annual December [PBL Showcase](#) allows students and families to learn about each K – 5 explorer's PBL initiatives. QAE explorers have been working on their inquiry questions for weeks, and this evening is a chance for students to share their expertise and celebrate their learning. Queen Anne Elementary is one of the only SPS schools that has a dedicated makerspace for all K – 5 learners. Every QAE explorer has weekly opportunities to create and work in this space thanks to our dedicated MakerSpace teacher, Ms. Teske.

AND

**QAE MakerSpace MarketPlace:** This year, we add [QAE MakerSpace MarketPlace](#) as well! Makerspace Marketplace is a time to support 3<sup>rd</sup> – 5<sup>th</sup> graders MakerSpace fall challenge. Students wrote proposals to "make a difference for themselves, the community or the world". Explorers had the freedom to create initiatives, which may be fund-raisers, awareness campaigns and products to sell. These products will be shared at the MakerSpace MarketPlace to raise money for different charities on PBL night. All funds raised will be pooled and divided equally amongst the students' initiatives. There will be a raffle to raise funds for the QAE MakerSpace as well.

Follow QAE MakerSpace on Twitter [@TeskeGrades1](#). Follow Queen Anne Elementary on Twitter using [#QAE](#)



## What is Project Based Learning?

In [Project Based Learning \(PBL\)](#), students go through an extended process of inquiry in response to a complex question, problem, or challenge. While allowing for some degree of student "voice and choice," rigorous projects are carefully planned, managed, and assessed to help students learn key academic content, practice 21st Century Skills (collaboration, communication, critical thinking & creativity), and create high-quality, authentic products & presentations. For more information organizations like the [Buck Institute for Education](#) and [Edutopia](#) provide valuable resources, information and inspiration. [Read more about PBL at QAE.](#)

## What is a MakerSpace?

A [MakerSpace](#) "is a collaborative work space inside a school, library... for making, learning, exploring and sharing that uses high tech to no tech tools. These spaces are open to kids, adults, and entrepreneurs and have a variety of maker equipment including 3D printers...", scissors, glue, cardboard and whatever else students can dream up. Founder of the maker movement, Dale Dougherty, describes a [makerspace](#) as a "...creative process of taking an idea, developing it, using tools and techniques to make it real."



## QAE PBL Showcase and MakerSpace MarketPlace: Passion and Purpose Empower QAE Explorers!

Queen Anne Elementary (QAE) staff, parents and students embrace a vision based on [Five Pillars](#):

- [We are self-directed learners.](#)
- [We think critically and learn more.](#)
- [We are concerned, confident, compassionate citizens of the world.](#)
- [We learn everywhere; we learn together.](#)
- [We are creative.](#)

Three key concepts are at the heart of QAE:

- Feeling physiologically well, safe, connected and valued allows students to learn.
- [Passion\\*](#) and [purpose\\*\\*](#) empower students to learn.
- [Digital learning](#) is a tool for communicating, problem solving and learning within our community and with the world.

QAE staff and parents work together to help each student as a learner and citizen of the world:

- Our welcoming learning community provides opportunities for every student to develop learning and life skills in addition to academic rigor through [Positive Discipline](#). Common language and approaches help each student to feel safe, connected and valued.
- School-wide learning structures, activities and events foster passion and purpose through:
  - School-wide guiding question: *How are we having an impact on the world?*
  - [Project-Based Learning](#) Showcases allow students to explore inter-disciplinary guiding questions focused on social studies, science, Language Arts and Math topics
  - [QAE Maker Space](#) is a time and space for all K – 5 students to work on self-directed projects to make a difference for themselves, their community and/or the world. Students share their initiatives at the December Maker Space Market Place.
  - Creation Corner offers an alternate learning space for students to self-regulate using self-directed arts and crafts activities
  - Student-initiated endeavors are championed by staff such as lunch-time clubs, activities and events (school newspaper, Pokémon Club)
  - After school parent-sponsored enrichment activities are offered weekly, such as robotics, Unicycle Club, language learning, parkour
- [Digital learning](#) is used as a tool for [creation](#) and [reflection](#).



\*European Scientific Journal, January 2018, edition Vol.14, No.1 *What About Passion in Education?*

\*\*Z.Ruiz Alfonso, L.Santana Vega, L.Reed, Ashford University; J.Jeremiah, Ashford U. *Student Grit as an important ingredient for academic & personal success*