Making Project-Based Learning work with technology

Who we are …

What words come to mind when you hear the words

Project-based learning?

PBL - Definition

"**Project-Based Learning (PBL)** is an instructional methodology that **encourages** students to learn and **apply knowledge** and **skills** through an **engaging** experience. PBL presents opportunities for deeper learning **in-context** and for the development of important skills tied to college and career readiness."

Maggie O'Brien, definedstem.com

What's the main difference between
doing a **Project**
and
Project-based learning?

What's the difference?

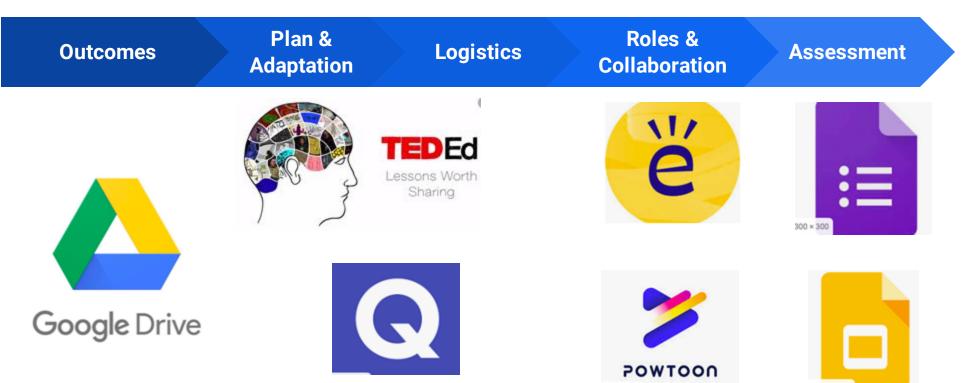| Dessert Doing a Project	Main Course Project based learning
An add on	Project = The Unit
Follows direction	Student Enquiry
Product focused	Product & Process focused
Often unrelated to standards and skills	Aligned to academic standards & success skills
Can be completed at home	Student collaboration & in class teacher guidance
Remains within the school world	Real-world context & implications
End result >display	End result> beyond the classroom

future learning

How do we design a project?

Designing a project

Outcomes	Plan & Adaptation	Logistics	Roles & Collaboration	Assessment
Meaningful **Process** **Skills** **Language**	**Resources** **Audience**	**Classroom size** **Layout** **Technology**	**Differentiation** **Team size** **Teamwork** **Ownership**	**What?** **How?**

How do we design a project?

Outcomes	Plan & Adaptation	Logistics	Roles & Collaboration	Assessment

PBL - Challenges

Different levels

Student motivation

Assessment

PBL - Why?

→ **Authenticity**

→ **Improves interpersonal skills (Teamwork)**

→ **Improves critical thinking and problem-solving skills**

→ **Assessment of students' skills**

→ **Concept and creativity development**

→ **Meaningful use of technology**

→ **Flexibility**

→ **Transformation**