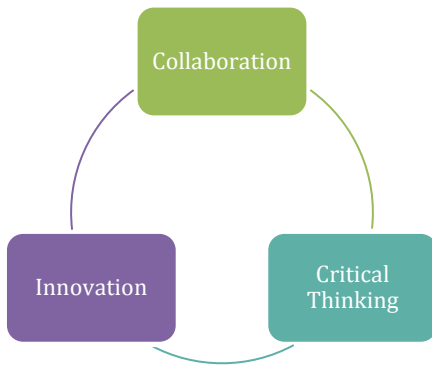


STEM School Chattanooga

11th Grade PBL Unit Plan Template

Unit Quarter: 1st

Title: ThinkSpace Design



Learning Target Topics

Collaboration: Working with other people on a project or problem to achieve a shared goal.

Critical Thinking: Accessing, using, and applying information and knowledge.

Innovation: Using creative thinking to construct something new and valuable.

Grade Level	11 th Grade	Unit Length	9 Weeks
Industry Partner	Jenny Whitener <ul style="list-style-type: none"> Bridge Innovate James Anderson <ul style="list-style-type: none"> ThinkSpace Creator Mike McCleery <ul style="list-style-type: none"> UNUM 		
Unit Overview	STEM student teams will design a ThinkSpace for the computer lab based on design thinking concepts and principles. Four to five student teams will compete to create the most stimulating lab design within the given constraints. For the industry partner, the focus is on the thoughtful, creative design of the ThinkSpace. For the STEM School, the focus is on the collaborative skills demonstrated by the student teams.		
Unit Essential Issue	<ul style="list-style-type: none"> Project: <i>Design and pitch a ThinkSpace.</i> 		
Kick Off Event	Kick Off: Thursday, Aug 20th, 9:30 AM – 3:30 PM at Bridge Innovate Jenny Whitener and Bridge Innovate will conduct a 2-3 hour introduction on design thinking to provide a framework for teams to begin the design project. Additionally, James Anderson will conduct a separate Skype call from London, England as he explains the concept of ThinkSpaces. The student teams will have access to project leads via email throughout the project for clarifications as questions arise.		
Culminating Events	Presentation Day: TBD The student teams will present their designs to the project leads and any personnel they choose to include in the judging panel. The project leads will either select one winning design or they may choose two designs to blend together. The winning student team(s) will also begin building the ThinkSpace as their quarter two PBL.		
Common Assessment	Students will be scored using the Association of American Colleges and Universities rubric for Collaborative Skills. All 4's will equate to Advanced, scores of 3 and 4 will equate to Proficient, and any scores below a 3 will equate to Below Basic. Items that will be used to score student work: <ul style="list-style-type: none"> Presentation. Product (model of the ThinkSpace) 		