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| PROJECT TEACHING AND LEARNING GUIDE |
| **Project:** Providing 21st Century Tools for 21st Century Learners |
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| **Major Product(s) and Presentation** students need to complete | **Knowledge and Skills Needed by Students**to successfully complete major products and presentations | **Scaffolding / Materials / Lessons to be Provided** by the project teacher, other teachers, experts, mentors, community members |
| Persuasive LetterDigital Product to support persuasive letter (video, presentation, or digital poster)Presentation of digital product to community members | Brainstorming what the ideal classroom should look like and what the ideal classroom technology should be able to do  |  | Students create ideal classroom on poster paper, share using document cameraBrainstorm as a class what ideal technology should be able to do using Thinking Maps |
| Analyze and evaluate reasons why students need technology to be 21st century learners, brainstorm for inquiry questions and categorize |  | Thinking Maps to categorize inquiry questionsInvite guests in to discuss how they use 21st century skills and tools in their jobs (in person, Skype, Twitter) |
| Evaluate pros and cons of devices, discuss and vote as a class for desired device |  | Pros/Cons sheet - [Device Research Materials](https://sites.google.com/a/grandblancschools.org/mrs-garcias-classroom/21st-century-learners-project/device-research)Math lesson - how many of each device can we get?Google Form Survey for voting |
| Components/how to write a persuasive letter |  | Benchmark Writer’s Workshop lessons |
| Conducting research to find supporting facts, statistics to include in persuasive letters and final products |  | How to use student Diigo accounts for researchLinks in Google Classroom/Class Google Site |
| Students use technology to create videos, presentations, or posters |  | Lessons provided by classroom teacher[Tech Tips Links](https://sites.google.com/a/grandblancschools.org/mrs-garcias-classroom/home/tech-tips) on Class Google Site |
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