



PUTTING THE “E” IN LEARNING

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TODAY'S OBJECTIVES

- Learning objectives first, technology second
- Free Web Resources for the classroom
- Creative Interactive Environments
- What is all means?



OUR AGENDA

Activity	Time Allotted
Introduction	10 Minutes
Learning Objectives First	15 Minutes
Energy Efficiency Lesson	30 Minutes
Design an interactive experience	45 Minutes
Debrief and Handouts	10 Minutes



LEARNING OBJECTIVES FIRST, TECHNOLOGY SECOND

- Students will learn at least 3 ways a home can be more energy efficient.
- Students will understand what it means to be “energy efficient.”
- Students will understand the connection between energy efficiency and economic considerations.

- Students will demonstrate critical thinking skills, such as problem solving.
- Students will utilize technology
- Students will collaborate and work in teams.



TECHNOLOGY REQUIREMENTS

- Place to post their work
 - Pros to an electronic format
 - Everyone can see each other's work and benefit from the other thoughts
 - Teacher can monitor the progress
 - Cons to an electronic format
 - Everyone can see each other's work and may feel self conscious or worried about the wrong answer
 - Teacher has to monitor for appropriate, constructive feedback.

- Interaction to respond to each other
 - Pros to electronic format
 - Easy to do outside of the classroom, if you have the tech
 - Teacher can "see" the interaction take place.
 - Cons to electronic format
 - Responses could be minimal. "Great Job!"
 - Teachers could end up with too little or too much



ENERGY EFFICIENCY LESSON

○ Assignment #1 –

- Read this article [Green Building: From Geodesic Domes to Today's Demand for Energy Efficient Homes](#) by Jeanette Joy Fisher
- After you have read the article, post to your page, a 100 word essay on at least 3 ways a home can be more energy efficient.

○ Assignment #2

- Respond to at least 2 of your classmates' posts.

○ Assignment #3

- Find a video that demonstrates an explanation of energy efficiency and link it to your wiki page. Create a quiz on energy efficiency.

○ Assignment #4

- Create a podcast or screencast of why you think energy efficiency has consequences to economic development.



DESIGN AN INTERACTIVE EXPERIENCE

- Think of a lesson you currently teach
- What are the learning objectives?
- Will technology help?
- What are your technology requirements?
- Brainstorm ideas and explore the tools
- Build in interaction – teacher – student, student – student, student to content
- Have Fun!



DEBRIEF

- Q & A
- Contact Tracy @ tmiller@IMSA.edu or 630-907-5674
- Have an amazing day!

