Cultivating the Maker Mindset

What does it mean to "engage in making" and what might "maker" mean in the context of education? How can makerspaces contribute to this mindset? What might be the potential benefits of implementing maker education in schools? How can the maker movement inspire educators to transform traditional teaching methods and foster a more hands-on, project-based learning environment?
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Heidi MacGregor @mrsmacgregor206
Julie Lord @juleannlord
Littleton Public Schools

Our Journey
(in progress)
It all started with a casual conversation. "You know, we should really think about creating a maker space in our school?"
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The truth is that MakerSpaces can be created on a shoestring, but money really helps.

The GRANT

Need to focus on culture.

Culture starts with a name.

Physical Space
- Planning equipment
-乙 Buy & supplies
- Study
- Managed by budget
- Adjusting for falls

Rolling it out
- Go to specific for all
- Closed vs. open
- Make sure to have
- Make sure to have
- Make sure to have
- Make sure to have
The truth is that MakerSpaces can be created on a shoestring, but money really helps.
Culture starts with a name

The computer lab is in the process of being transformed into a MakerSpace with an emphasis on collaboration, problem solving, curiosity, and learning. Cast your vote here for the new name!
Physical Space

- Removing equipment
- Ordering furniture
- Storage!
- Managing a budget
- Adjusting for fails
Rolling it out

- Grand Opening for all students
  - Respect the Tank
  - Introductory Lessons
  - Reflection
- Community Open House
- Math and Literacy Night
- School Committee
Making it worthwhile

- TGOF and supporting teachers
- Website: https://goo.gl/ik73qf
- Student Blog
- Continuous promotion to keep the maker mindset in the forefront
- Find balance between open ended and structured
Hands-on

- Sphero *
- MaKey MaKey *
- Green Screen *
- Stop Motion
- Lego
- 3D Printing
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THEamoto
Need to focus on culture

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Building the culture

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Making the vision happen

Theamoto
Getting buy-in from parents, students, and teachers

Theamoto
Taking the leap and implementing the vision

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Limitation

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Successes

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Reflections

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