

Today we'll ...

- Talk about strategies for assessment of open-ended projects that scale up as learners become more skilled
- Take those strategies for a test drive

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But first ...

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News from the White House!

- ctemakeoverchallenge.com
- Bit.ly/white-house-2016-making
 - Nat'l Week of Making 6/17 6/23/2016
 - Nat'l Maker Faire
 - CTE Makeover Challenge
 - Perkins recommendation
 - Maker Promise



Some context! For us, making prioritizes:

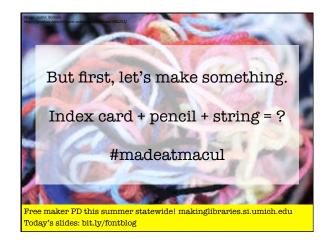
Process over product

Agency over teacher-directed

Choice over following directions

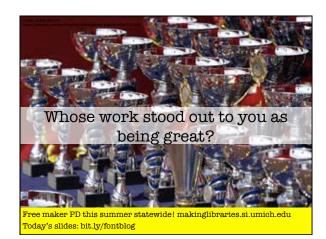
Experimental mindset over "failure if it doesn't work the first time"

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Look around at what others made ... what do you notice?



What criteria did you use to determine whose was best?

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And how would you advise the others to get better, based on that criteria?

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If we were to repeat the exercise and share those criteria, what do you think might happen to the range of ideas we saw?

It's really hard to compare open-ended work, isn't it?

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But what gets assessed gets attention, right?

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So how do we assess in our maker efforts?

Maybe we don't measure what they make.

Maybe we measure their thinking instead.

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Seven Strategies

- 1. Create a frame inside which making takes place
- 2. Process Journals
- 3. Stand-Up Meetings
- 4. Title: Subtitle
- 5. Gallery Walking
- 6. Artist Statements
- 7. Portfolios



#1 Design Challenge Seeds

- Design an invention that would fix _____
- Create a prototype that would _____
- Research and identify a solution that ______
- Create a stamp/statue/ logo/mascot for _____ based on what you know



#1 Design Challenge Examples

- People with Parkinson's have difficulty eating soup because their hand shakes.
 Research existing solutions and design an alternative ...



#1 Assessment in design challenges can come from ...

- · Product pitches
- Advertising copy for product
- Infomercials for product
- · Any of the other techniques to come

#2 Process Journals: Options

- Keep text minimal: take <5 min/day
- · Daily index card: hole punch
- Standalone Instagram account w/captions
- · Document process as it goes to better reflect later
 - Photos, Video, Audio, Composition Notebooks
 Tip: Time-lapse/slo-mo features on iOS camera
 - Sway.comFlickr.com
- Blogs
- Daily quick write prompts:

 Today I worked on_____

 Today I learned _____
- Next time I will _
 Etc.

#3 Stand-Up Meetings

- 30-second report-outs
- Stay standing to keep the meeting short!

#4 Title: Subtitle

artistic: explanatory

creative: factual

Taking Flight: Paper Airplane MonkeyMatic: A New Toy Using Centrifugal Force Origami Leia: A New Star Wars Toy

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#4 Title: Subtitle

(artistic: explanatory)

(creative: factual)

Tweet a photo of your index card creation.

- 1. Title & subtitle it.
- 2. #madeatmacul

#5 Gallery Walking

- ½ present, ½ view
- Consider half-page "Hamburger-style" table
 - Possible content:

 - What is the object?
 What does the creator want the viewer to notice in particular?
 - I am proud of
 - Keep to one sentence
 - In-process or after project completion

#5 Maker Gallery Walk Guidelines

- Lend support, not critique
- · Ask questions
- · Listen intently
- Give advice only if asked for it

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#6 Artist Statements Can Convey

- Purpose/intent
- Process (if succinct)
- Inspirations
- Unpacking of your thinking about the product you made

Great resource for your teaching: http://www.artbusiness.com/artstate.html

#6 Artist's Statements at multiple points in process

Formative Assessment

- "Ticket out the door"
- Index card
- A few sentences or a paragraph
- Cloze sentences:
 - "The visuals I chose are meant to _____."
 - "I chose this medium because _____."
 - "The visuals in my slide deck are meant to
 - "I'm including this primary source image because ____."

Summative Assessment

- Multiple paragraphs
- · Extended thought
- Reflects on the finished product and on the process



Artist's Statement

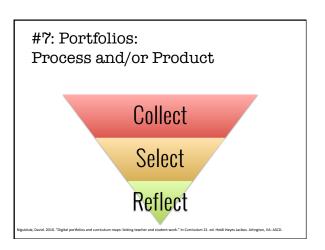
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The KS photographs in this exhibition were made on from days in October 2012 with the Sony Mex-7 digital camera. It want to thank my wife Tarry thogan for the fore and thought daiwas, Daviet Loreick for the advice and existence in many aspects of the cachibidory, Lic Cydenic, Crog Wens, Lisbachh Spithol. Gail Wayfs, the Sterford University Department of Art and Art Recory, end the American Scadeny in Force.

Just Leivick, Robert and Ruth Halperin Professor in Photography, Department of Art & Art History, Number of Not & Art History,

Desirated to my Want Sichard Deskin



In summary

- Careful assessment preserves students' wild thinking, minimizes "safe making so I get an A"
- Careful assessment fits in parallel with making, doesn't overpower it
- Careful assessment shows that kids aren't just "messing around" and "wasting time"
- Join us for 3 days of free PD this summer!
 - Alpena, Ann Arbor, Benzonia, Centreville, Coopersville, Frankenmuth, Houghton Lake, Pickford, W. Iron
 One day workshop for K-8: Saginaw
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Questions?