

Makerspace Mashup

A collaborative presentation between MISF and member schools with K-8 makerspaces

Who are you?

Why are you here?

WHAT DOES A MAKERSPACE MEAN TO ME?

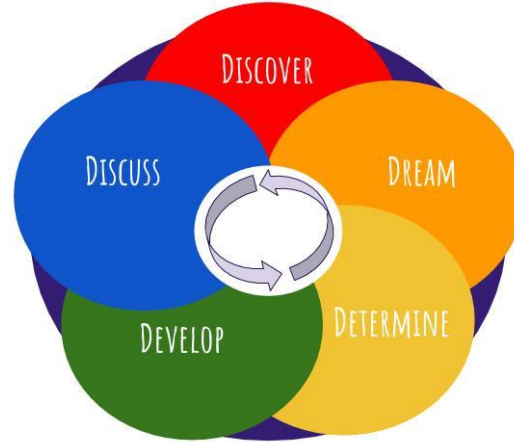


HOW DID WE GET STARTED?





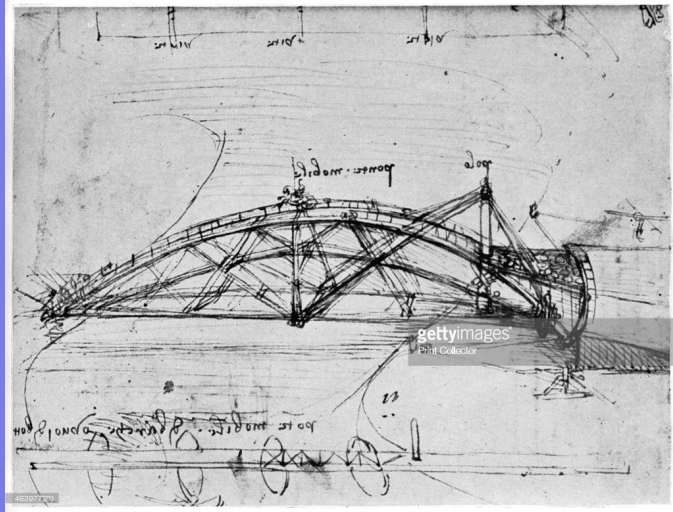
IN THE CREATIVE LEARNING LAB WE...



- **DISCOVER** A PROBLEM & RESEARCH IT
- **DREAM** UP LOTS OF SOLUTIONS
- **DETERMINE** THE BEST WAYS TO SOLVE
- **DEVELOP** PROTOTYPE & TEST
- **DISCUSS** HOW THE SOLUTION WORKS

DON'T TELL ANYONE...
BUT MOSTLY WE PLAY.

ONE OF MY FAVORITE ACTIVITIES...



SOME OF MY FAVORITE THINGS:

- Tools/toys

- <https://squishycircuits.com/>
- <https://makeymakey.com/>
- <https://www.elenco.com/brand/snap-circuits/>
- <https://www.magnatiles.com/>

- Teacher Resources

- <https://www.youtube.com/watch?v=0Kd0V2q5PRk> (Leonardo's Video)
- <https://www.instructables.com/> (Leonardo's Bridge Directions)
- <http://makered.org/>
- <https://playfullearninglab.org/>
- <https://leonardosbasement.org/>
- <https://www.smm.org/educators/programs-your-school>

Makerspace?

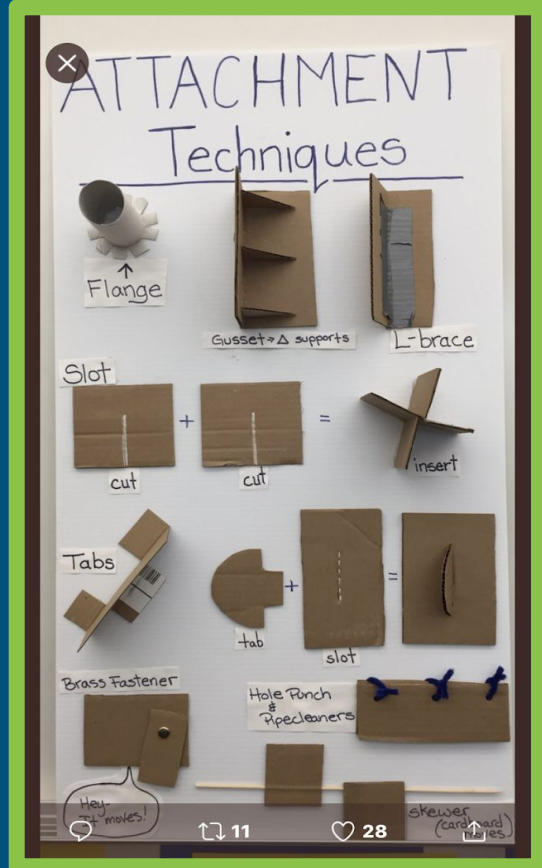


Getting Started

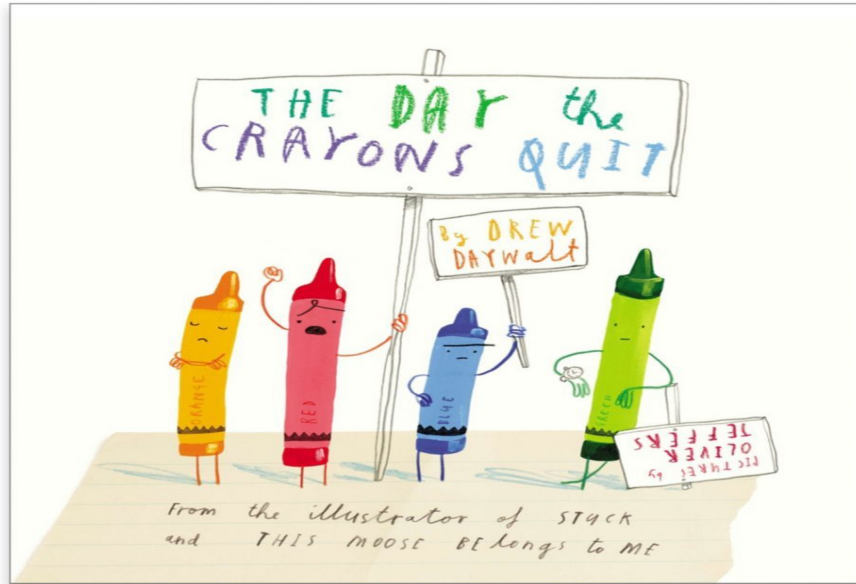




Cardboard, Cardboard, Cardboard...

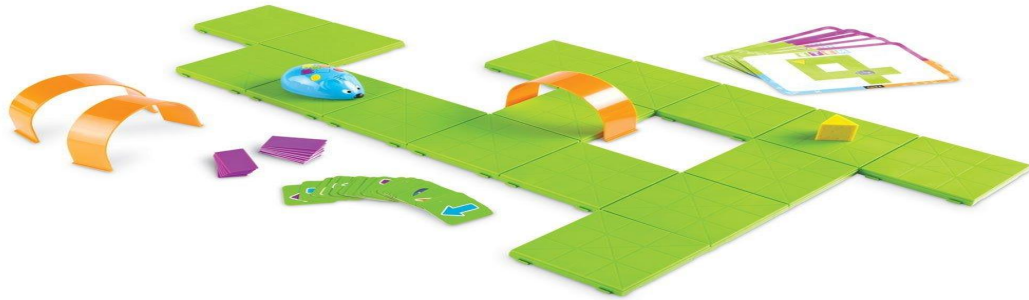


Makerspace/Links to Literature



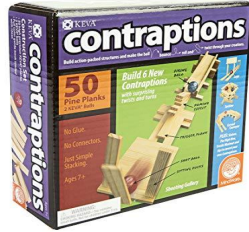


Coding: Code & Go Robot Mouse





Wood Planks



Useful Resources:

Tools:

- Cardboard Cutter <https://bit.ly/2OaWmlj>
- Code and Go Robot Mouse <https://amzn.to/2NJ1onT>
- Brickyard “Lego” base plates <https://amzn.to/2Lo5rtd>
- Keva wood planks <https://amzn.to/2Oh2CrG>
- Brainbuilders Set <https://amzn.to/2mlg0Zc>
- Showerboard (whiteboard option) <https://thd.co/2mGbFsr>

Resources:

- Renovated Learning Blog <http://renovatedlearning.com/>
- Makerspace Resources and Programming Ideas <https://bit.ly/2JTpxWL>
- Creativity Lab <https://bit.ly/2LjehIy>
- How to Build an Epic Lego Wall <https://bit.ly/1Cc6BLu>
- The Big Bed <https://bit.ly/2JUNBIL>
- Nanette’s Baguette <https://bit.ly/2uOFkRX>
- The Day the Crayons Quit <https://bit.ly/2JVUiKu>

Our Story - St. Alphonsus



Challenges:



Successes:



Resources:

- [Makerspace.com](#)
- [What's a Makerspace?](#)
- [Little Bits](#)

****Pinterest was our friend!!**

Time to explore

With our presenters, experience:

- Favorite activities
- Interesting technology

Questions & Discussion

- Now that you have had the opportunity to learn about a few different makerspaces, what questions do you have?
- How would you like to see MISF support makerspaces in member schools in the future?

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