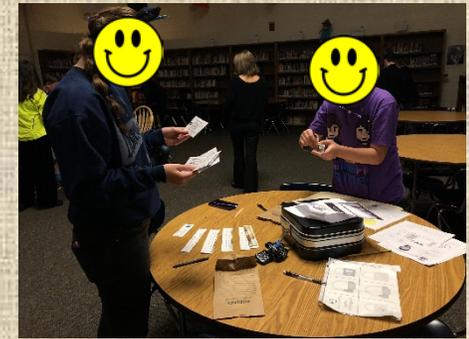
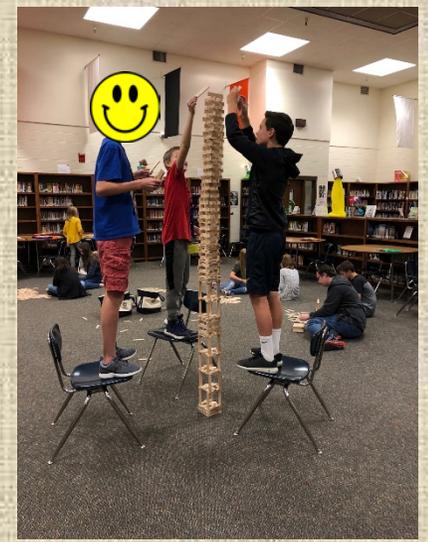


Little Love Monsters

Taylorview Media Center

Penny Kimmet, kimpenn@d91.k12.id.us

Dana Carvo and Amy Atnip



Program Overview

- Age group(s): K- adult
- Time to set-up: 5 minutes
- Time to complete: 20 minutes
- Time to clean-up: 5 minutes
- Mess level: low
- Difficulty level: easy
- Approximate cost: 71 cents



Supplies needed

- yarn
- pipe cleaners
- googly eyes
- glue/glue gun
- 3 oz paper cup
- piece of cardboard – 2 ½” x 4”
- scrapbook paper – heart punch
- scissors



Reflection

Success

- This STREAM activity was done with a 7th grade team during a Reading explore day.
- Students were engaged and free to design creatively.
- Low cost and quick way for students to make a gift for that special someone. We did it right before Valentine's Day 2018.

Lesson Learned

- For schools the monsters could be designed to represent story characters (real or imagined), historical figures, the possibilities are limitless.
- Fun for all!

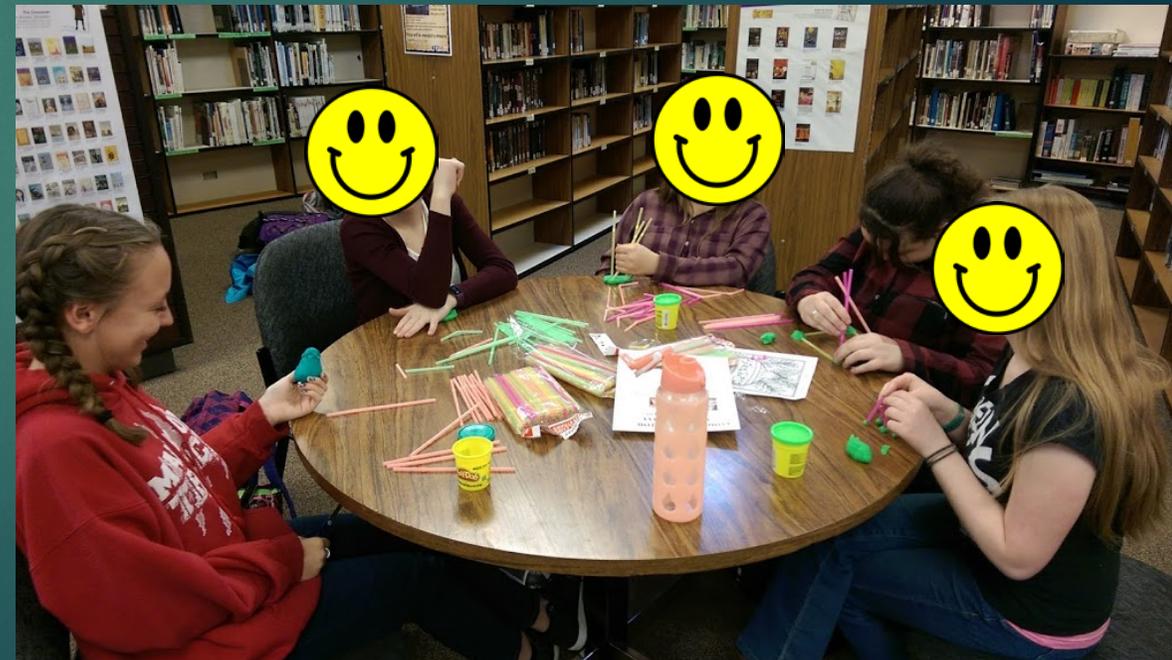


Madison Junior High Library Maker Day

- ▶ Linda Hill – linda@msd321.com
- ▶ Kim Kelley – kelleyk@msd321.com

Program Overview

- ▶ Age group(s): 12-15 years
- ▶ Time to set-up: 10 –15 minutes
- ▶ Time to complete: 30 minutes
- ▶ Time to clean-up: 10 – 15 minutes
- ▶ Mess level: Low
- ▶ Difficulty level: Average
- ▶ Approximate cost: \$25-\$50 per week



Supplies needed

Engineering - Sticks and Clips

- ▶ Jumbo craft sticks
- ▶ Clothes pins
- ▶ Mini binder clips

Paper Bag Journals

- ▶ Lunch sacks
- ▶ Scrapbook Paper
- ▶ Yarn or Ribbon
- ▶ Embellishments
- ▶ Pens



Reflection

▶ Success:

We offer a variety of projects and allow students to expand their current interests and explore new fields.

Many of projects are based around STREAM and the students demonstrate their skills at our STREAM Fair.

▶ Lesson Learned:

The challenge is to find the right balance between having a completely open-ended project and giving too much instruction.

Our students do best with some instruction, but plenty of room for individual creativity.

**PORTNEUF
DISTRICT
LIBRARY**

PORTNEUF DISTRICT LIBRARY

MELISSA ROBERTS, MELISSA.ROBERTS@PORTNEUFLIBRARY.ORG

HOLLY JACKSON, HOLLY.JACKSON@PORTNEUFLIBRARY.ORG

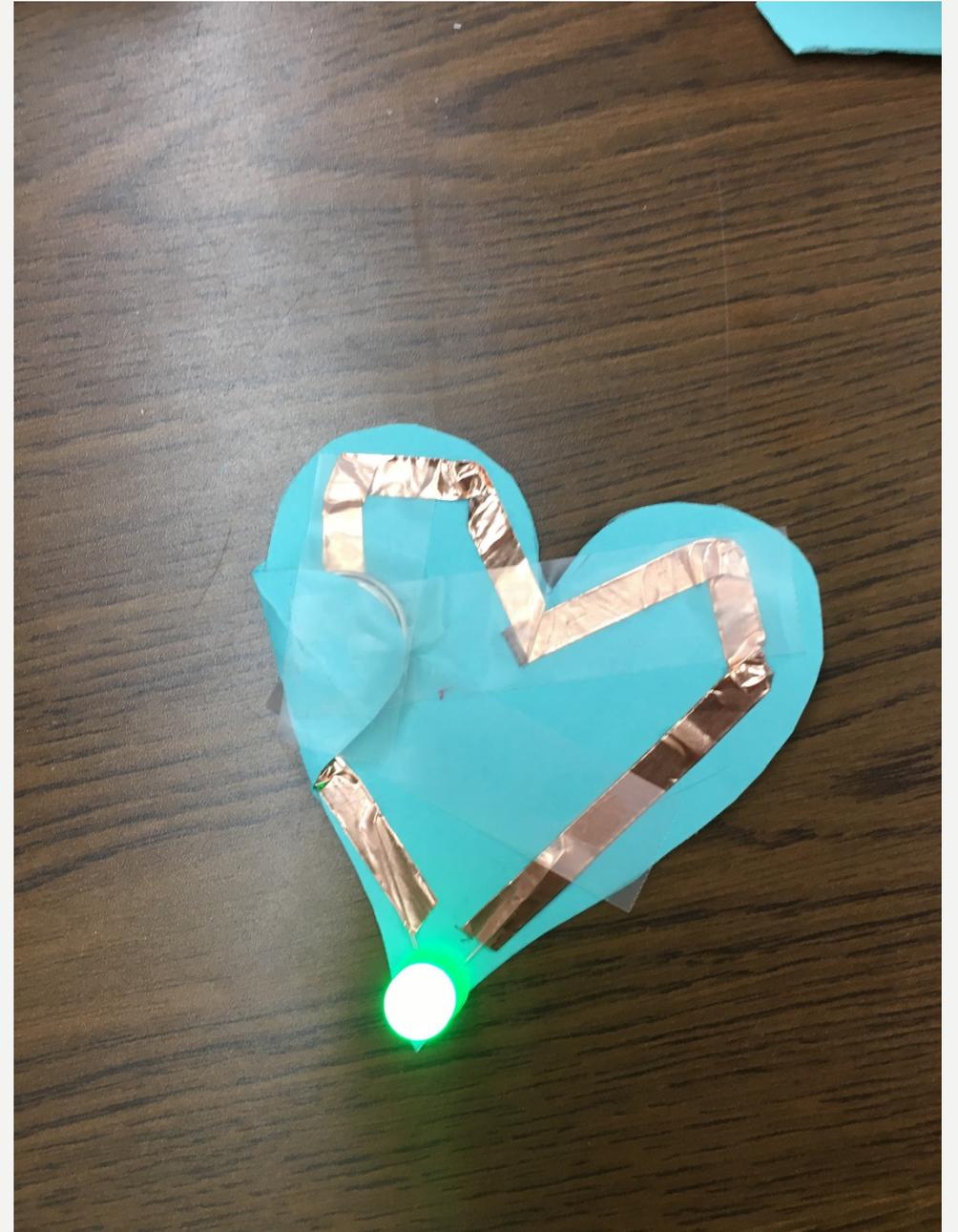
PROGRAM OVERVIEW: PAPER STEAM

- Age group(s): 9-15
- Time to set-up: 10 minutes
- Time to complete: 30 minutes
- Time to clean-up: 10 minutes
- Mess level: Low
- Difficulty level: As difficult as they make it
- Approximate cost: \$15-20 average if you have none of the supplies



SUPPLIES NEEDED

- Paper
- Scotch Tape (just in case)
- Markers/Stickers for Decoration
- Copper Foil Tape
 - \$10.98 for a 4-pack on Amazon
- 5mm LED Diode Lights
 - \$5.50 for a 60-pack on Amazon
- 3mm Coin Batteries
 - \$6.80 for a 20-pack on Amazon



REFLECTION

- Success
 - Kids had lots of fun while also learning the basics of circuitry.
 - Kids wanted to take their projects home and share with their family-more reach!
 - Depending on the program the kids get experience with the cricut machine, engineering concepts, 3D design software, and more.
- Lesson Learned
 - Start simple. Kids can embellish on their own but don't expect something elaborate and Google image worthy right out of the gate.
 - Let the projects be inquiry based and child/teen driven. Don't give them a schematic. You will love their results.



Visible Mending

Marshall Public Library

Kathryn Poulter, kpoulter@marshallpl.org

Kath Ann Hendricks, khendricks@marshallpl.org

Program Overview

- •Age group(s): All ages welcome, with grown-ups assisting youngsters
- •Time to set-up: 5 minutes
- •Time to complete: 50 minutes
- •Time to clean-up: 5 minutes
- •Mess level: Not very messy
- •Difficulty level: Varies
- •Approximate cost: Inexpensive! Maybe ten dollars for a big program!



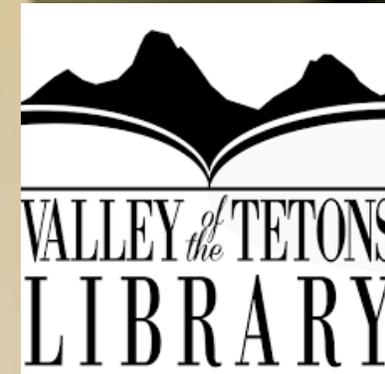


- •Needles
- •Thread of various colors
- •Scraps of fabric like denim, cotton, silk, etc.
- •Scissors
- •Tape

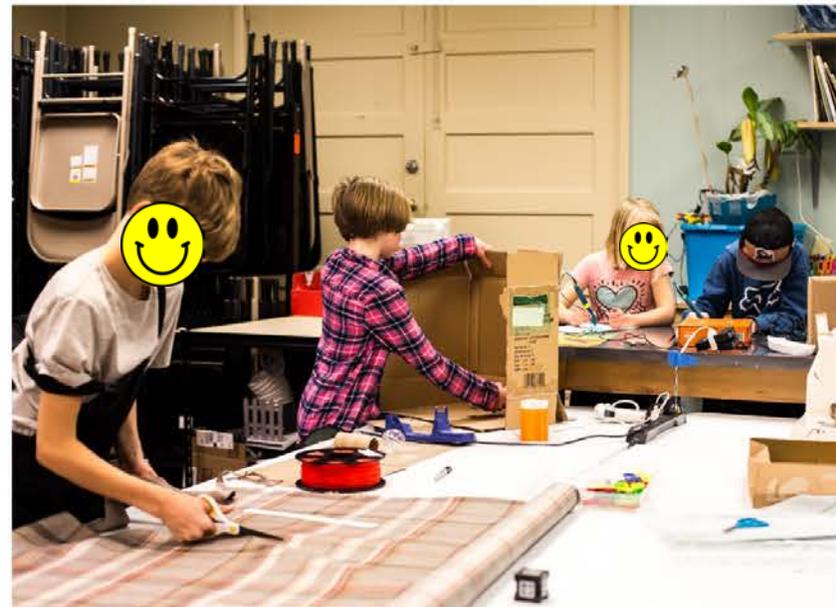
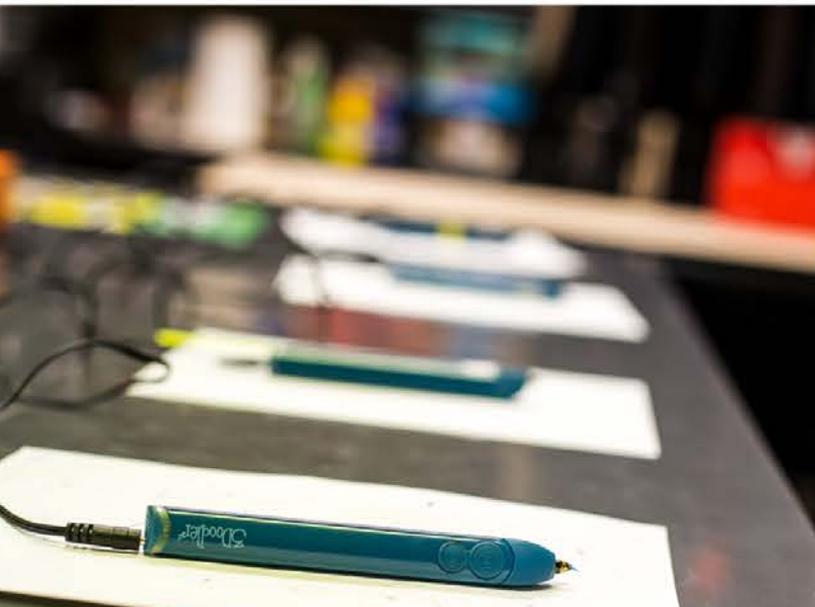
Supplies needed

Reflection

- Success
 - Many ideas!
 - Embroidery
 - Applique techniques
 - Easy to find supplies
 - Slow fashion
- Save and reuse instead of throwing away
- Lesson Learned
 - The project will expand to fill as much time as there is available.
 - Examine the patch carefully so there is enough room around the torn space to attach the patch to!
 - It is important to make small enough stitches that the patch will not tear off.



Tucker Tyler, t.tyler@votlib.org
Rasheil Stanger, r.stanger@votlib.org



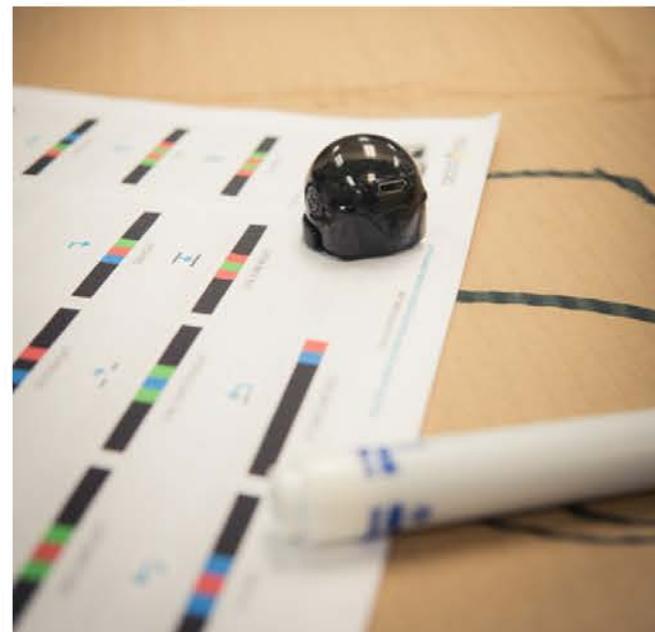
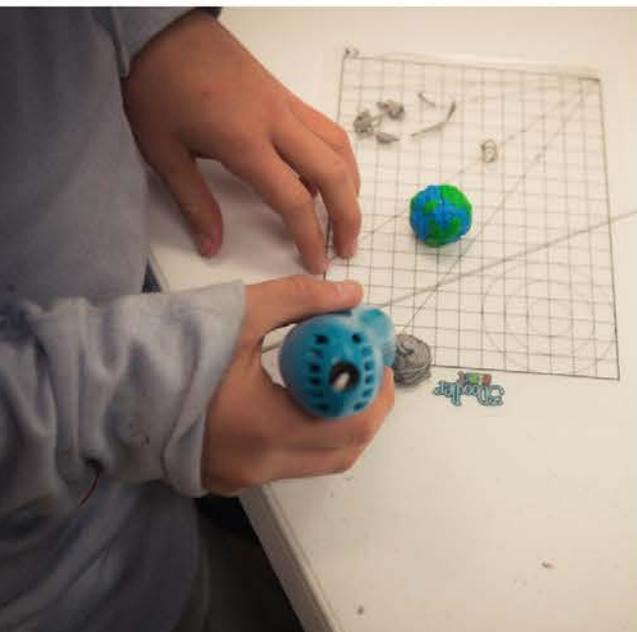
Program Overview

- Age group(s): All Ages
- Time to set-up: 30min to 1hr
- Time to complete: Indefinite
- Time to clean-up: About 30min
- Mess level: High
- Difficulty level: Medium
- Approximate cost: Less than \$1 per user





Supplies Needed



- General Craft Supplies
- Specialty Tools
- STEM Kits and Toys
- Games & Puzzles
- Musical Instruments
- Etc.

Reflection



- Moving towards allowing patrons open-access to the makerspace collection has helped us achieve a number of the library maker program's original goals -
 - Usage of materials has increased exponentially.
 - Usership among individuals from groups commonly underrepresented in STEM, notably girls and Latinos, has thrived.
 - The capacity of the library's involvement has shifted from planning and teaching, to maintaining a collection of items and the reference materials to aid in their use.

- Hosting an open-access makerspace requires a tremendous amount of flexibility.
- It has been a challenge to shift away from a planning and facilitating mindset in favor of helping patrons work through their own creative process.
- Patrons have thrived in an environment where they can work on their own terms and set their own standards.