

FIZZ BOOM
READ



Fizz, Boom, Read Spark a Reaction 2014

**Amanda Henning,
Teen Librarian**



Delaware
County District
Library

About Me

- Teen Librarian at the Delaware County District Library for 3 years
- Previously the Teen Librarian at the Marysville Public Library for 6 years.
- MLIS from Kent State.
- Focus on Programming

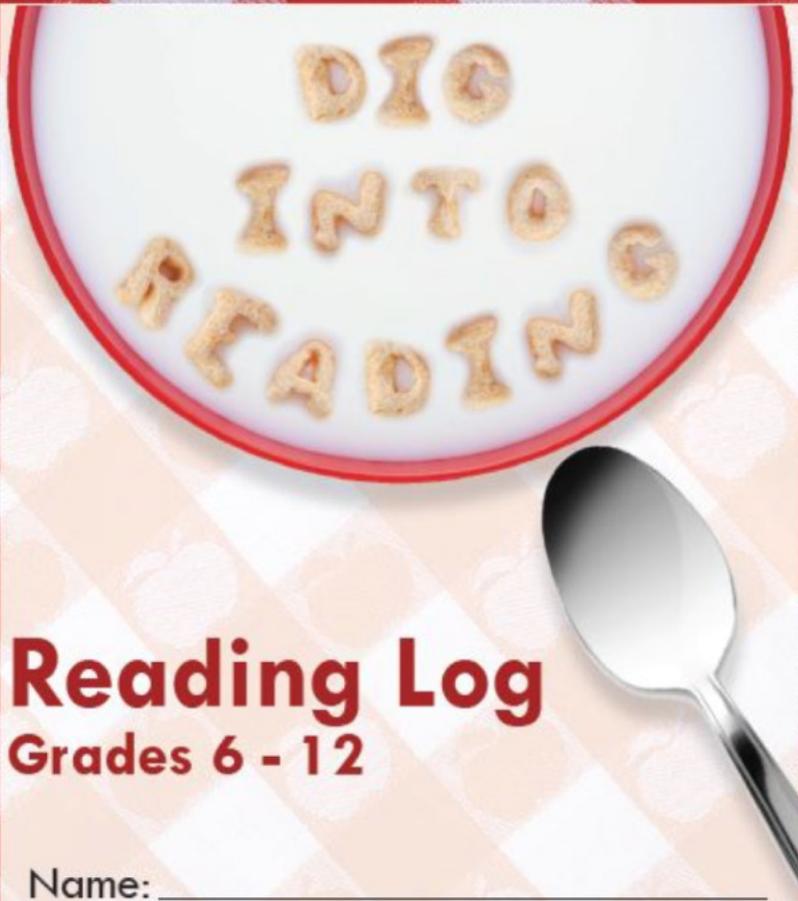


Basic Summer Reading Outline

- January-March: Order supplies, make system-specific PR materials

<http://www.youtube.com/watch?v=6S7UPp1Vplo>

- April-May: MANY school visits!
- Mid-May: Train Volunteers (a big part of SRC)
- May 31st-July 26th: Summer Reading!
- One teen program, one teen gaming tournament session, and one tween program (per week).



**DIG
INTO
READING**

Reading Log
Grades 6 - 12

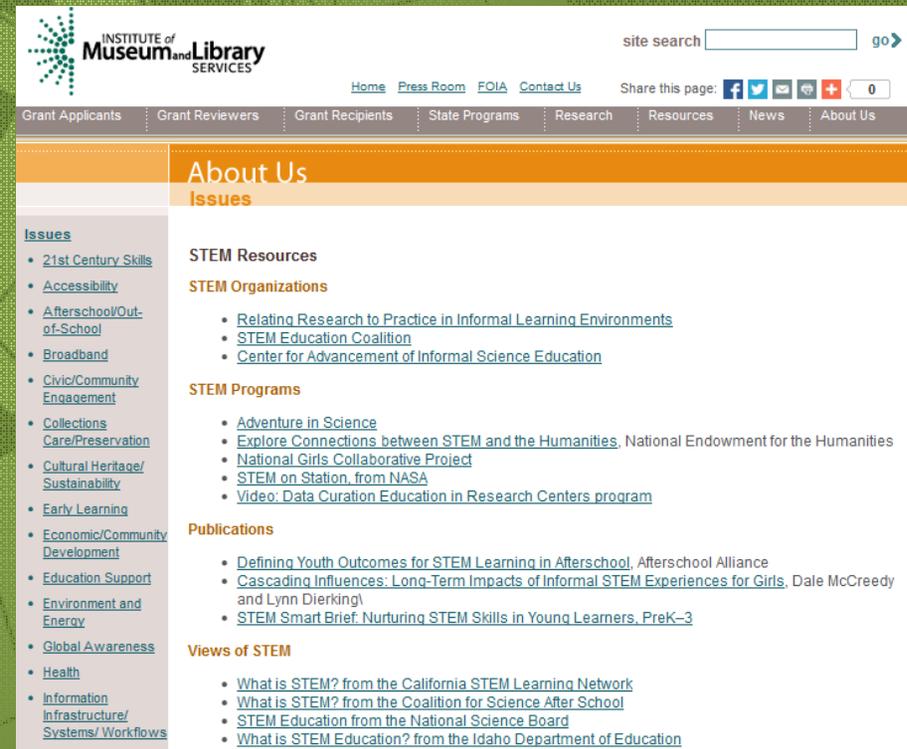
Name: _____

Delaware County District Library
Summer Reading Club 2013
June 8 - August 3



Science-Based Teen Programming Ideas for ages 10-17

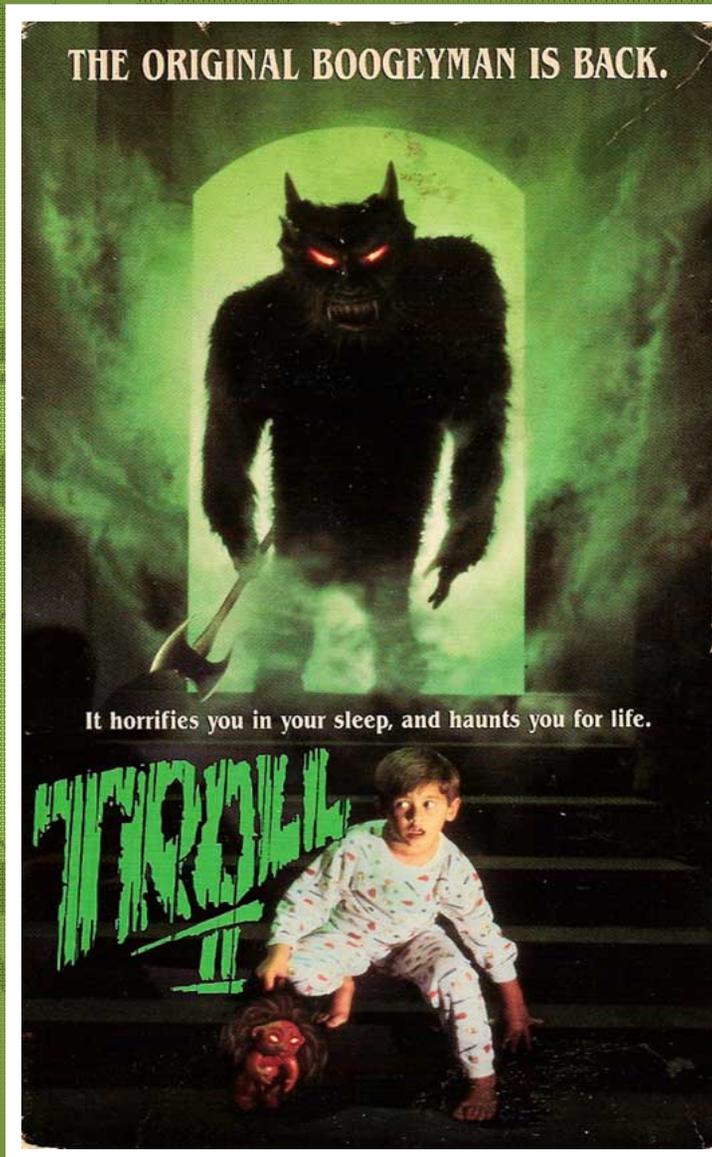
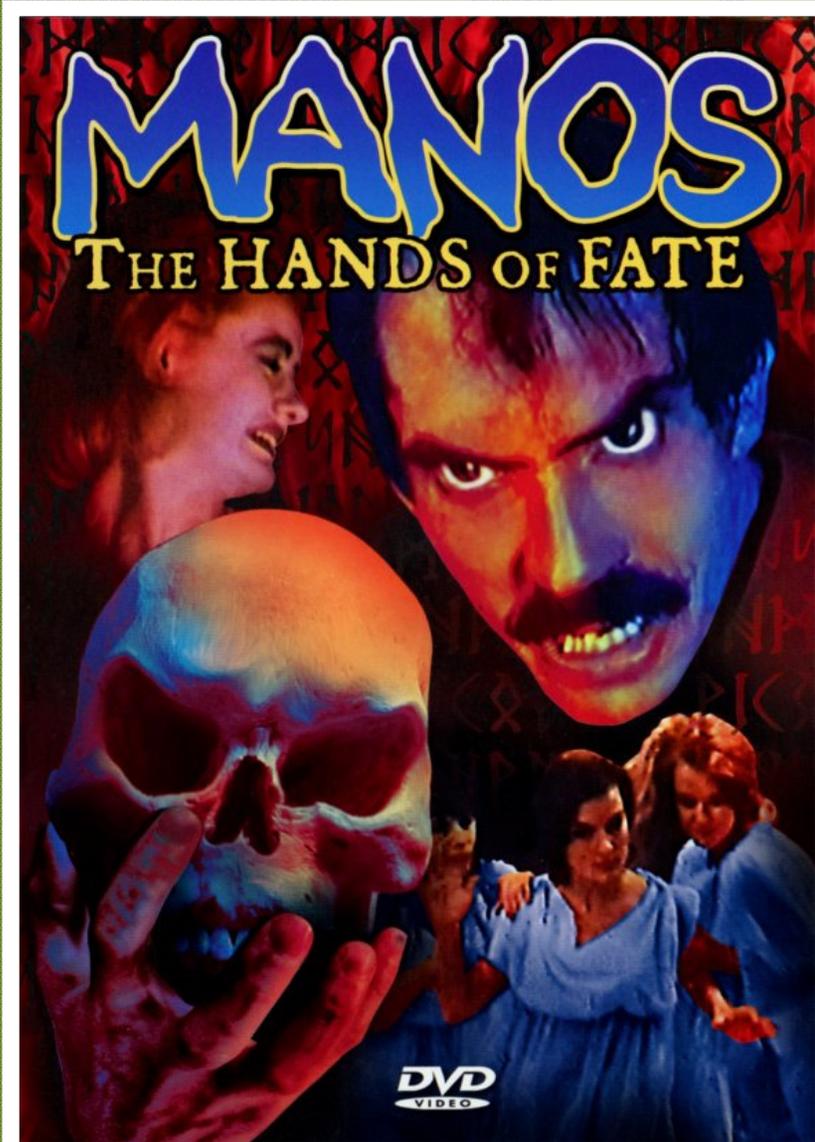
- http://www.imls.gov/about/stem_resources.aspx
- Gaming and Stem
- Informal Science Education
- STEM and STEAM



The screenshot shows the website for the Institute of Museum and Library Services. The header includes the logo, a site search bar, and navigation links for Home, Press Room, FOIA, and Contact Us. Below the header is a menu with links for Grant Applicants, Grant Reviewers, Grant Recipients, State Programs, Research, Resources, News, and About Us. The main content area is titled 'About Us' and 'Issues'. A sidebar on the left lists various issues such as 21st Century Skills, Accessibility, Afterschool/Out-of-School, Broadband, Civic/Community Engagement, Collections Care/Preservation, Cultural Heritage/Sustainability, Early Learning, Economic/Community Development, Education Support, Environment and Energy, Global Awareness, Health, Information Infrastructure/Systems/Workflows, and Social Media. The main content area is divided into sections: 'STEM Resources', 'STEM Organizations' (with links to 'Relating Research to Practice in Informal Learning Environments', 'STEM Education Coalition', and 'Center for Advancement of Informal Science Education'), 'STEM Programs' (with links to 'Adventure in Science', 'Explore Connections between STEM and the Humanities', 'National Endowment for the Humanities', 'National Girls Collaborative Project', 'STEM on Station, from NASA', and 'Video: Data Curation Education in Research Centers program'), 'Publications' (with links to 'Defining Youth Outcomes for STEM Learning in Afterschool', 'Afterschool Alliance', 'Cascading Influences: Long-Term Impacts of Informal STEM Experiences for Girls', 'Dale McCreedy and Lynn Dierking', and 'STEM Smart Brief: Nurturing STEM Skills in Young Learners, PreK-3'), and 'Views of STEM' (with links to 'What is STEM? from the California STEM Learning Network', 'What is STEM? from the Coalition for Science After School', 'STEM Education from the National Science Board', and 'What is STEM Education? from the Idaho Department of Education').

Sci-Fi/Bad Movie Night

- Cost: Free-\$40
- Requires Movie License Unless Film is not in Copyright
(http://en.wikipedia.org/wiki/List_of_films_in_the_public_domain_in_the_United_States)
- Audience: 10+, 35-60 attendees
- You Will Need: a Bad Movie, the ability to show it, Snacks, a Craft or Activity
- Don't use MST3K (but use their movies:
http://en.wikipedia.org/wiki/List_of_Mystery_Science_Theater_3000_episodes)



Forensic Files

- Cost: Free
- Audience: 13+, >30 attendees
- You Will Need: Professionals from your community, registration, and a location.
- 2/13
- Create an artificial crime scene with the help of Police and the Coroner's office and invite teens to use real science to solve the crime.

Make a Dino Planter

- Cost: \$120
- Audience: 12+, 60 attendees
- You Will Need: Large hollow plastic dinosaurs, potting soil, succulents, sand, an x-acto knife, Sharpies/paint (optional)
- Prep the dinosaurs in advance
- Make a sheet with information about succulents and how to care for them.
- <http://www.youtube.com/watch?v=1aP1-7ao-4k>

So You Don't Want to Kill a Succulent..



Care for your new ~~victim~~ friend

- Light – Full midday sun can actually burn your plant. For many species brightly lit areas with lots of sunlight are perfect but not somewhere with full midday sun.
- Water – During the summer, most succulents go through a 'growing' phase where they are most active and need water and nutrients. When it cools down during the year they go into a dormant phase and less water. During the warmer months, water once a week.
- Re-potting – Repot every year or when the plant starts to look uncomfortable in the pot.
- Pay attention – Yellowing can mean too much sunlight (or overwatering) while leaning towards the light source can mean not enough.



Teen Chopped

- Cost: \$100
- Audience: 12+, 70 attendees
- You Will Need: Cooking equipment, secret ingredients, pantry items, 3 celebrity judges
- http://en.wikipedia.org/wiki/List_of_Chopped_episodes

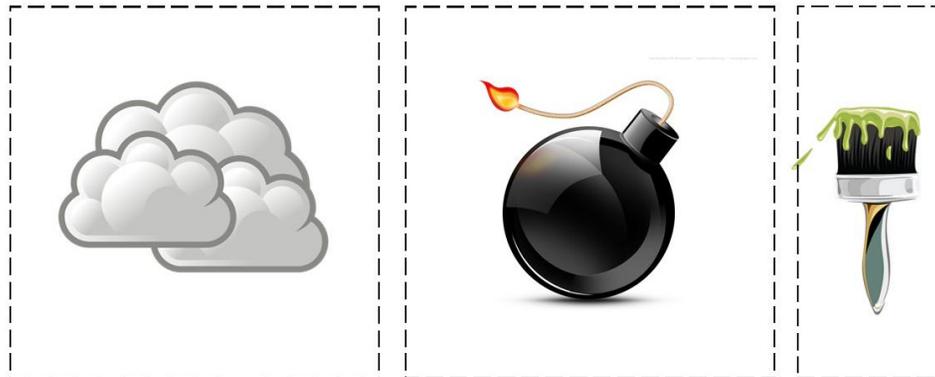
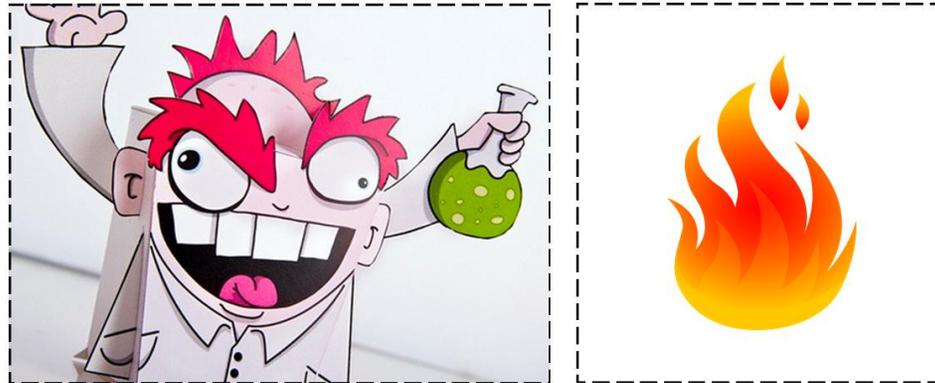


Delaware Goes Boom

- Cost: \$30
- Audience: 8+, 30 attendees
- Science experiments using everyday items
- We made: Soap Clouds, Bubble Mountains, Fizzy Paint, Bag Bombs, Soda Fountains, Goop, and Bottle Tornadoes



MAD SCIENTIST DAY



Make a Terrarium

- Cost: Free-\$120
- Audience: Teens, 30 attendees
[http://www.fairchildgarden.org/uploads/docs/Education/Downloadable teaching modules/school%20gardens/Terrarium%20Activity.pdf](http://www.fairchildgarden.org/uploads/docs/Education/Downloadable%20teaching%20modules/school%20gardens/Terrarium%20Activity.pdf)
- Partnered with Eco Flora, a local sustainable florist (Columbus). They donated the first session.





SweetHappyLife.com 

Library Mini Golf

- Cost: Free
- Audience: Tweens and Teens, 60 attendees
- Volunteers made the course, Children and Tweens played through it.
- You Will Need: Recycled materials, space to store the course, volunteers, soft practice golf balls, and putters.
- Physics-Based



A Few Other (Un-tested) Ideas

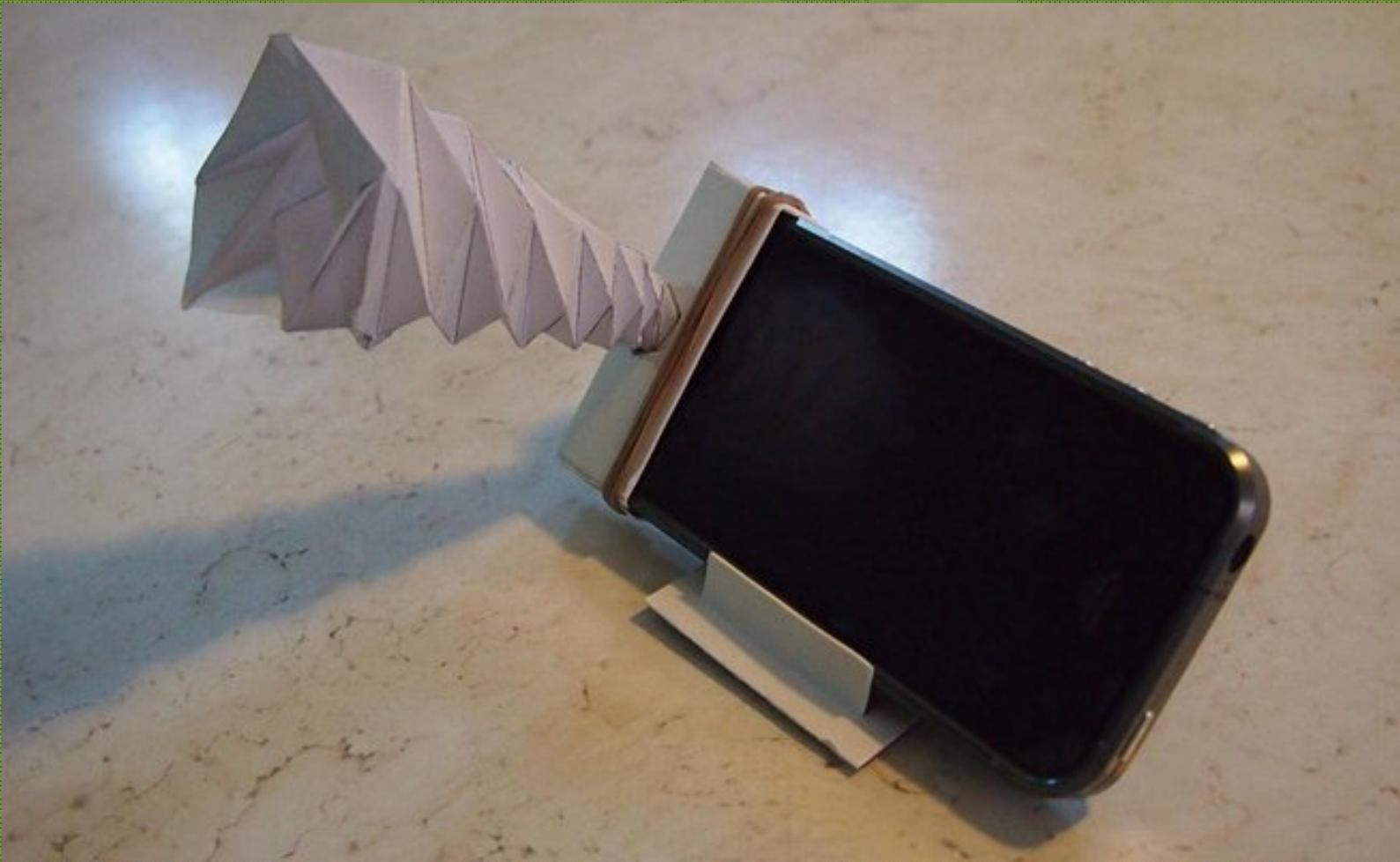
- Audio/Sound program

did you know?

If you put headphones into your nostrils and open your mouth, it forms instant speakers!



nowyoukno.com





- **Dancing Goop:**

<http://www.housingaforest.com/dancing-oobleck/>



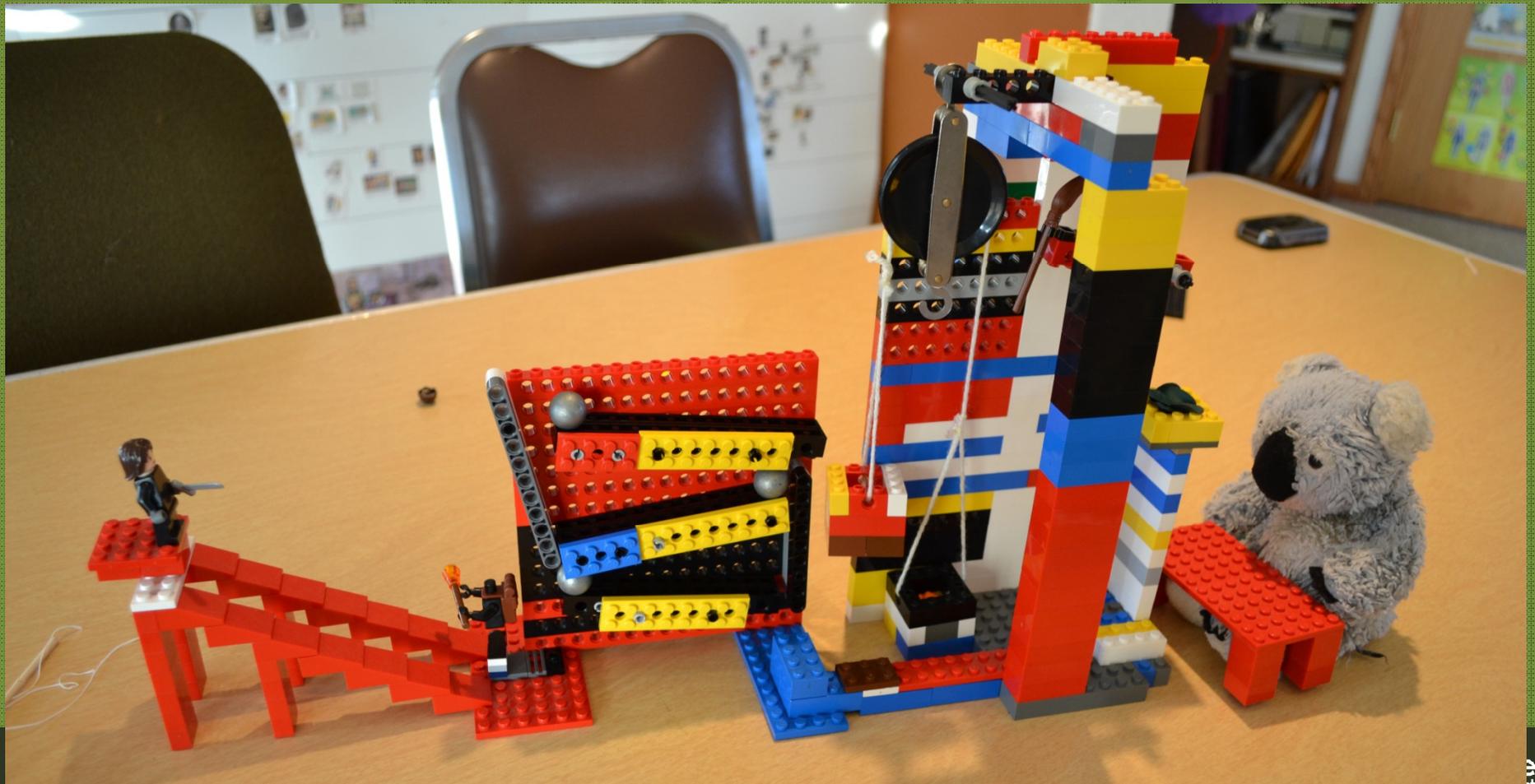
A Few Other (Un-tested) Ideas

- Magnetic Silly Putty



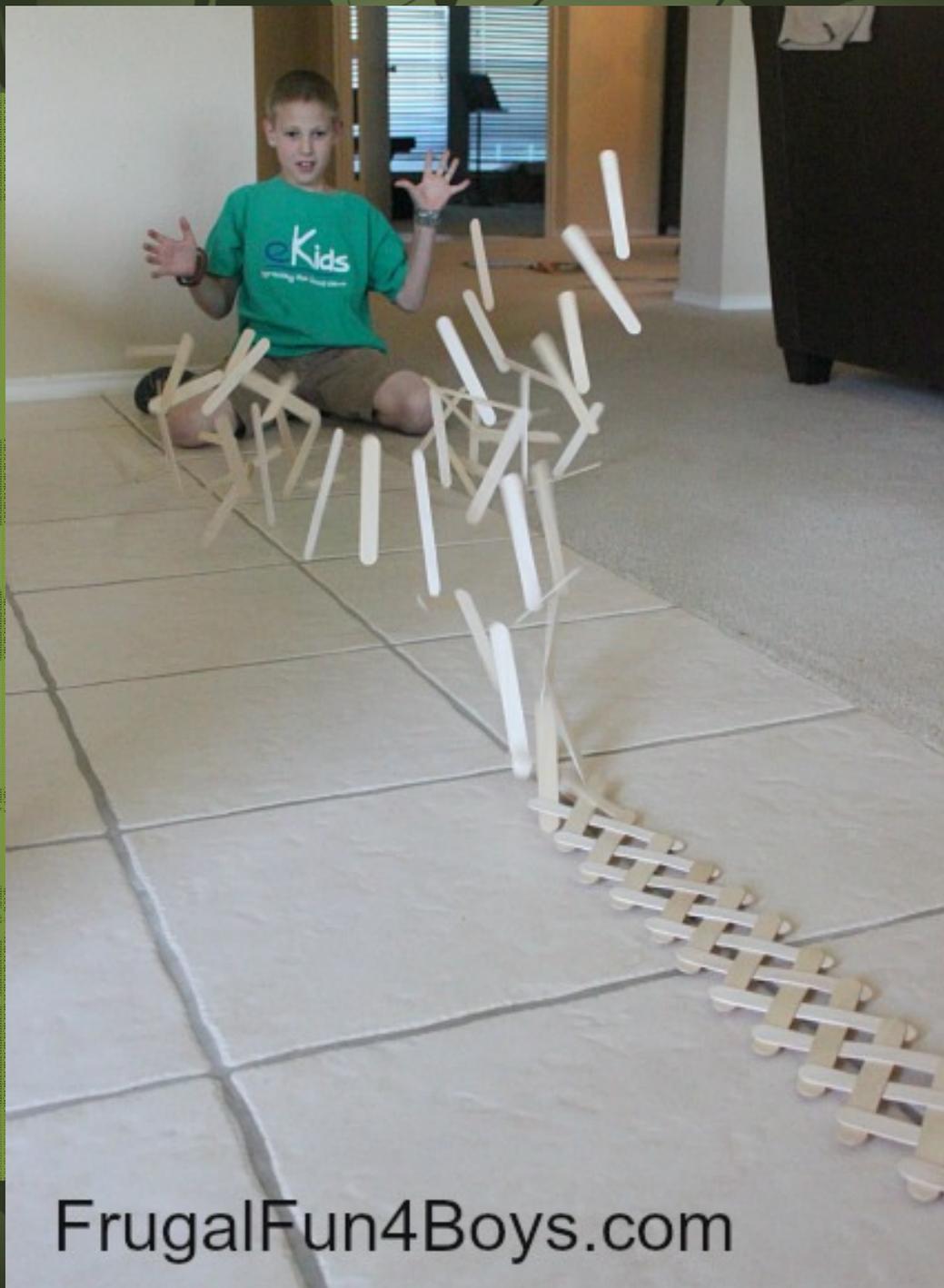
A Few Other (Un-tested) Ideas

- Lego Rube Goldberg Machine



A Few Other (Un-tested) Ideas

- **Chain Reactions -**
<http://frugalfun4boys.com/2013/05/13/build-a-chain-reaction-with-popsicle-or-craft-sticks/>



FrugalFun4Boys.com

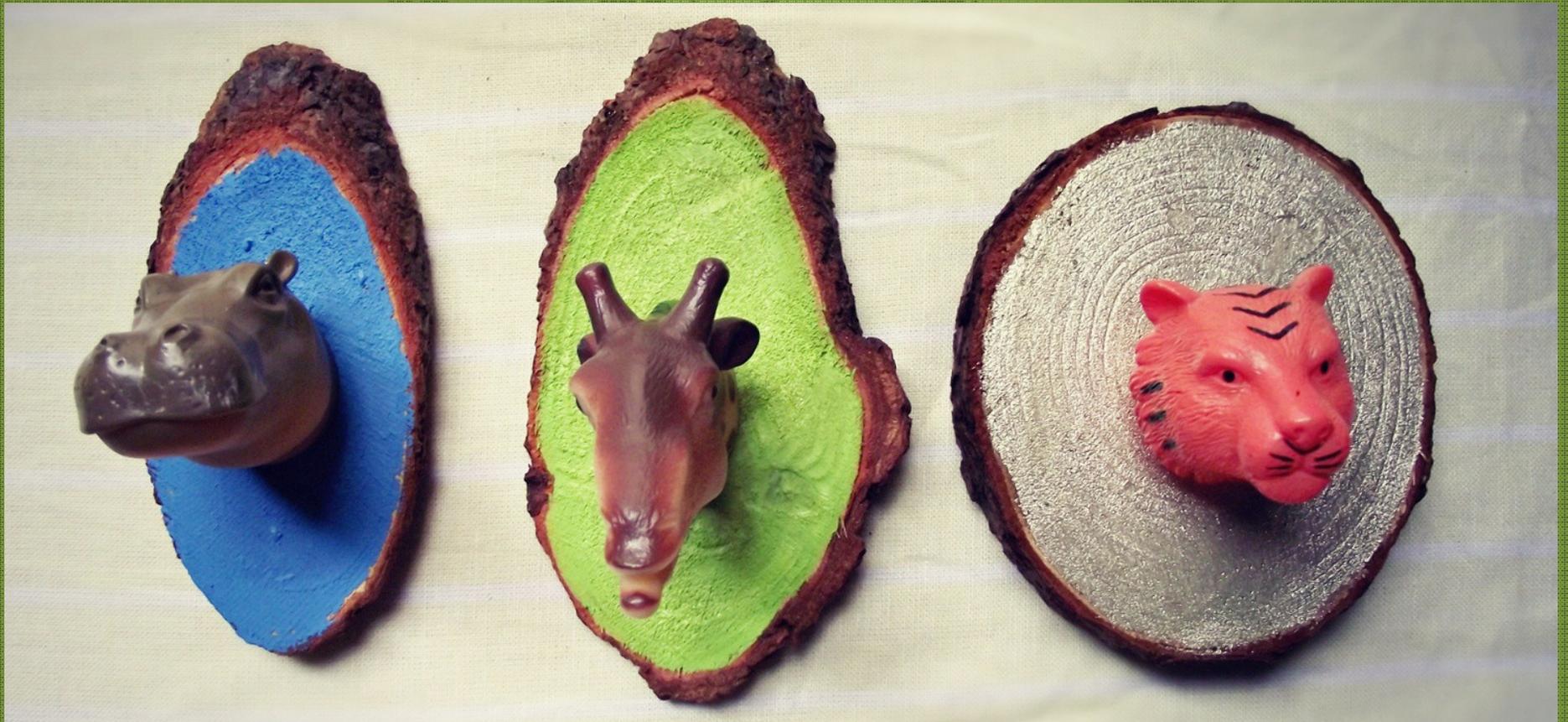
A Few Other (Un-tested) Ideas

- Wax Paper Lanterns



A Few Other (Un-tested) Ideas

- Plastic Animal “Taxidermy”



Questions?

Thank You.
ahenning@delawarelibrary.org