



4H Tech Wizard Club
Felege Hiywot Center
“Looking for Direction to Life”
1648 Sheldon Street
Indianapolis, IN 46218
317-545-2245



4H Purdue University Extension Marion County

February 2015

4H FHC Winter Tech Wizards

This month involved a lot of construction. The 4Hers worked on their building skills and learned about hydraulic systems. The first project of the month, the extender grabber, proved to be a lot of fun. It was a challenge but the 4Hers worked through it and completed the project. The kids then took their projects outside and raced testing if their extender grabbers could carry some weight as they raced. The smiles and the fun were infectious.

Our next meeting, the kids involved learning about hydraulic systems. They worked in teams figuring out ways to make their extender grabbers move in as many ways a possible. The winners came up with the greatest number of ways to make their extender grabber move using their syringe and tubing hydraulic systems. Everyone used their creativity, teamwork and hard work to develop their ideas and put their knowledge of construction and hydraulic system to work.

4H Tech Wizards is about learning through experimentation. Our club members continue to grow and expand their skills and friendships as we move forward.

Now our 3rd-8th grade 4Hers will use what they learned about supports, construction, and hydraulics and build a junk drawer robotic arm. Can't wait to see what they come up with.

**Parents:
Community Service Ideas**

As part of the 4H pledge, the kids say “I pledge my hands to larger service”. As part of 4H Tech Wizards, we all work to find ways for kids to contribute and develop their community. We invite parents and families to share their ideas of a project the kids and may participate in to serve the community surrounding FHC. It would be great for us all to work together on a project.

Looking forward to the great ideas you come up with. Please email me at jumeier@umail.iu.edu or call me 513-0574.

4H Tech Wizard Meeting Times

Felege Hiywot Center
Saturdays, February 14th and 28th
Saturday, March 14th
9:30 am-11 am
1648 Sheldon St.
545-2245
3rd-8th Grade Students
Judie Meier, 4H Tech Wizards Program Assistant
Contact Info:
jumeier@umail.iu.edu or 513-0574



Winners of the Hydraulics challenge



Getting started building



Thinking about hydraulics

4H Pledge

I pledge...

my **head** to clearer thinking,
my **heart** to greater loyalty,
my **hands** to larger service, and
my **health** to better living for
my **club**, my **community**,
my **country**, and my **world**.