

Walker After School Program

STEAM

Science | Technology | Engineering | Arts | Math



Coding • Robotics • 3D - Printing • App Development • Virtual Reality • Electronics

Hey Walker Parents! It's time for **Wizards World** brought to you by **TinkRworks**



Unlock your child's **CREATIVITY** and ignite their **PASSION FOR LEARNING!**
Build their **PROBLEM-SOLVING** and **CRITICAL-THINKING** skills!



Project name: Wizarding World

Location: *On-site at Walker*

Project description:

"You're a wizard!" Come join TinkRworks in a class where students will use science, technology, and their creativity to bring the wizarding world found in the popular book and movie series Harry Potter to life! In this class, the newly inducted Hogwarts students will be sorted by a sorting hat and will then construct a working Goblet of Fire that will use an Arduino microcontroller board to control LED lights to react when something is placed into the goblet. Students will attend Potions class and learn about the chemistry involved in making bubbling, color changing, and temperature changing "magic potions". Finally, the students will get to see the magic Invisibility Cloak become a reality through the use of green screen videography! Come unleash your wizarding powers in this amazing TinkRworks experience and take your goblet home !

Ages: 3rd – 5th graders

Dates: 9 weekly sessions starting Fridays, Jan 18th to March 22nd, no class March 1st

Time: 3:05 – 4:10 PM each week.

Cost: \$279

Max: 12 students

Registration: **Now Open!** Give us a call at 630-819-8926, or register online at www.TinkRworks.com.

Overview

TinkRworks is a new and innovative provider of exceptional and enriching STEAM experiences for children that:

- Foster a love of creating
- Enhance problem-solving skills
- Reinforce and expand upon the concepts and ideas taught in school
- Provide delight and inspire curiosity

Approach

At TinkRworks, we immerse children in projects with defined objectives—just like the real world! Using combinations of 21st century skills (e.g., coding, 3D-printing, electronics) and traditional skills (e.g. woodworking, painting) they achieve beautiful results.

Excellence in Instruction

Our instructor base is comprised of PhDs, technology-industry veterans, teachers, and child-development specialists all of whom have strong passion and interest in propelling each TinkRer to success.