

ST. THOMAS MORE FUN FEST/OKTOBERFEST

TOTAL HOURS : 12 hrs (6 hrs, 2 people)

SUMMARY

This is an annual community event that brings people of all ages together to participate in fun activities that explore a wide range of topics.

WHO	WHAT	WHEN	WHERE	WHY
All ages	Demonstrations, games, and activities featuring a wide range of subjects	October 20, 2018	St. Thomas More Catholic Church at Austin, TX	Engage families in fun activities

ACTIVITIES

ROBOT DEMONSTRATION

We will be bringing in our robot from the 2017-2018 Relic Recovery season. We will be teaching kids about structure and function, the competition, and what we do in robotics. Ideally, exposure to the program and its components will inform students and parents about opportunities for them to get involved in STEM and encourage them to participate.

TALKING ABOUT *FIRST*

Brochures explaining *FIRST* and its programs will be passed out to students and parents. Additionally, members will be answering any questions that the parents may have about robotics.

SCRIBBLE BOTS

<https://lemonlimeadventures.com/scrabble-bot/>

Simple make-and-take robot composed of a motor, paper cups, and pens. The final creation spins and struts on a table while also leaving behind drawings that display its movements.

OUTCOME

EXPOSING YOUTH TO STEM PROGRAMS

The most effective way to get children involved in the STEM field is by exposing them to programs that allow them to explore topics in science, technology, engineering, and mathematics. By granting students creative freedom and encouraging them to solve problems in innovative ways, students will be better prepared for the future and possibly find a passion for STEM in the process.

PROMOTING *FIRST*

This event will allow us to spread recognition for *FIRST* and its programs. We have created brochures that explain *FIRST* values and programs, and includes information regarding how parents and students can bring the program to their communities.

POST-EVENT REFLECTION



- There were **100 total attendees** that visited our booth. We had the opportunity to introduce kids and teens around north Austin to *FIRST* programs and the world of STEAM. It was great to see families in our own community get excited about a program that their own kids could be a part of one day.
- We handed out **40 brochures** to families and students, and several of the parents were interested in recreating this STEAM experiment at their kids' schools, as well as working with us in future events. With our knowledge of the area, we were able to provide information on the current status of the schools in our community, and whether or not they had *FIRST* programs at their school.
- Our members worked with several waves of group of up to **10 kids and parents at a time** within the span of **six hours**.
- Students were engaged in a **hands-on learning experience** and a unique opportunity to **build their very first robot**. Many of the attendees were drawn to the implementation of art into STEAM, and their eyes lit up when their robot worked and drew them a unique picture.
- **Summary:** We connected with **St. Thomas Moore's Oktoberfest**, held in our very own community. Students of all ages and their parents were **introduced to *FIRST*** and learned the basics of **hardware, circuits, and problem-solving** with our Scribble Bots activity.