

## Robotics

The focus of the **Robotics Camp** will be to learn basic terms, programming, and sound logic for assembling and designing a LEGO (snap together) Mindstorm NXT robot from a kit that will be provided to each student. Activities will build upon the completion of a Battlebot and each student will compete in a Battlebot challenge the last day of camp. Parents are invited Thursday to attend a pizza lunch and watch the competition.

You will also engage in STEM (science, technology, engineering, and math) activities, learn about CareerLink, and careers in the robotics field.



## Welding

By enrolling in the **Welding Boot Camp** you can learn the skills needed to succeed in this challenging field. Tools, books, supplies and protective gear are provided for your use while enrolled in the class.

Welding Training will include: Safety, Safety, and more Safety!!! The GMAW process; Basic math concepts for welders; Welding techniques on various joints in all positions using ferrous metals; Basic welding information including common arc welding process descriptions. Students will also learn how to design custom parts and cut them out using a CNC Plasma Cutter. All students will be taking their own specially designed project home on the last day.



**REGISTER EARLY**

## Culinary Arts

Students in the **Culinary Arts Camp** will learn basic measurement, safety and sanitation, recipe reading, and culinary and baking skills. Students will be exposed to different aspects of the kitchen work experience by creating different foods that they will be able to sample themselves and also take home to share with their families.



## Masonry

Students in the **Masonry Camp** will learn basic hand and power tool safety as well as tool identification. Students will be exposed to the various aspects of the Masonry trade like block laying, brick laying, tile setting, stone setting, and concrete work. Students will spend time working on their own tile mosaic and pouring their own concrete project that they may take home with them. While in the Masonry Camp students will also focus on teamwork and responsibility.



## Carpentry

Students in the **Carpentry Camp** will learn basic hand and power tool safety and how to read a basic blueprint. Students will be exposed to the various aspects of building trades like framing, drywalling, masonry, plumbing and heating through tours of the facility and hands on activities. Students will spend the majority of their time in camp building a full-sized work bench that they will take home at the end of camp.



## Woodworking

Woodworking is one of the earliest skills mankind developed. In this **woodworking camp** students will gain an understanding of how to shape and manipulate wood. Students will have the opportunity to work with a variety of woodworking tools from basic hand tools to our high-tech computerized woodworking tools (CNC machines). Students will gain confidence and be able to create and build a variety of wood projects during SUN Tech's woodworking summer camp.



**“SUN Tech’s Summer Camp is an awesome way to learn new skills and explore careers.”**

Jeff Neuman-8th grader

**CLASS SIZE LIMITED**