



## The Art of Invention: Design Thinking & Creative Problem Solving for Middle Schoolers

How are inventions created? This session will introduce you to the steps that inventors and engineering designers use to imagine, create and quickly prototype innovative solutions to everyday problems. The hands-on approach emphasizes approaches to problem identification and problem solving, along with use of tools like need finding and empathy, brainstorming, synthesis, rapid prototyping, and visual communication. Your team will create and present an invention.

Date/Time	Location	Target Ages	Fee
June 5-9th, 9:00-4:00 pm	ASU Chandler Innovation Center	Entering grades 6-9	\$300

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First Name

Last Name

What school/organization are you affiliated with?

Which programs are you interested in?

- FIRST LEGO League
- Junior FIRST LEGO League
- EPICS - Engineering Projects in Community Service
- Night of the Open Door
- A Day in the Life Of...Field Trip Days
- SPARK App League
- Girls Make-a-thon
- Rube Goldberg Machine Contest
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