



Become a STEM Superstar

January 30, 2016

## 10 TIPS FOR EFFECTIVE STEM PROGRAMS

The National Afterschool Association put together a list of [10 Tips to Become a STEM Superstar](#):

- |   |                                       |
|---|---------------------------------------|
| <b>1</b> STEM TOPICS ARE NOT SILOS.             | <b>6</b> INSPIRE COLLABORATION.       |
| <b>2</b> MAKE ACTIVITIES RELATABLE & TANGIBLE.  | <b>7</b> CELEBRATE FAILURE.           |
| <b>3</b> INSPIRE CURIOSITY & CRITICAL THINKING. | <b>8</b> FACILITATE, DON'T DICTATE.   |
| <b>4</b> LEARN BY DOING.                        | <b>9</b> PROCESS THE STEM EXPERIENCE. |
| <b>5</b> MAKE CONNECTIONS.                      | <b>10</b> BE A ROLE MODEL.            |

So what do these 10 tips really mean when applied to informal STEM learning environments? [Here's a breakdown.](#)

LEARN MORE  
ABOUT THE 10 TIPS

# Buckeye Air Fair

## AERONAUTICAL ACTIVITIES FOR FAMILIES

The upcoming [Buckeye Air Fair](#) is an opportunity for youth and their families to engage in STEM

activities together. The Buckeye Air Fair is part of the SciTech Festival on Saturday, February 6 from 9am - 3pm at the Buckeye Municipal Airport. The Fair will include hands-on aeronautical and health-related activities as well as informational booths. Organizations such as Embry Riddle, Lowell Observatory, APS, Stargazing for Everyone and the International Dark Sky Association will be on site along with static airplane and helicopter displays, a flight simulator (fee associated), and much more! This is a free STEM event families won't want to miss. Be sure to share it with the families you serve!



[DETAILS HERE](#)

## FIRST Tech Challenge Grants

### APPLY FOR A FREE ROBOTICS KIT

FIRST Robotics has a new [grant program](#) designed to get more young people involved in STEM. Apply for a FREE Robotics Kit and Program Registration (valued at \$2,000) for the FIRST® Tech Challenge (for youth in grades 7-12), a project-based, STEM education program that gets kids excited about learning through robotics. FIRST Tech Challenge is fun and rewarding for both youth and educators alike. Using the latest Android technology, youth learn to design, build, and program a robot that operates via an Android device. And, that's just the beginning!



The FREE Robotics Kit includes a FIRST Tech Challenge Competition Robot Kit and complementary registration for the current (2015-16) and next (2016-17) seasons. No prior experience with robotics is necessary. **Up to four grants will be awarded each week through April 15, 2016.** The sooner you enter, the greater the chance you have to win! Questions can be directed to Christine Sapio at [csapio@fusd1.org](mailto:csapio@fusd1.org).

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