

I COMMIT TO...

BUILDING PK-12 STEM PATHWAYS IN ORANGE COUNTY

Linking today's learning with tomorrow's economy by bringing together business and education to help build and cultivate critically needed PK-12 STEM pathways necessary for Orange County students to better meet the increasing demand for STEM skills and knowledge.



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#buildSTEMoc

Name:	Organization:
Phone:	Email:
I commit to... (or tweet @steminitiative #buildSTEMoc):	

EXAMPLES

- | | | |
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| <p>Share your professional expertise.
 Serve as a career speaker.
 Time commitment: 1-2 hours</p> | <p>Mentor a robotics, Maker, or other STEM club or team.
 Time commitment: Varies</p> | <p>Develop an internship at your company for high school students.
 Time commitment: Varies</p> |
| <p>Volunteer for the Science Olympiad.
 Time commitment: 2-10 hours</p> | <p>Become an audience member for student presentations.
 Time commitment: 1-2 hours</p> | <p>Provide a behind-the-scenes tour of your company to students.
 Time commitment: 3-4 hours</p> |
| <p>Be an in-class or after-school tutor.
 Time commitment: 1-2 hours (will vary based on school or program)</p> | <p>Join an advisory board of a local STEM focused non-profit or program.
 Time commitment: 1-2 hours</p> | <p>Sign up for OC STEM Connector to find out more opportunities.
 Time commitment: Varies</p> |
| <p>Help replenish STEM kits and materials for teachers.
 Time commitment: 1-2 hours/varies</p> | <p>Act as an in-person or cyber mentor.
 Time commitment: 30 minutes multiple times per year</p> | <p>Donate equipment to a school or after-school program.
 Time commitment: 1-2 hours</p> |
| <p>Volunteer at professional learning events for in-school and after-school educators.
 Time commitment: 1-2 hours/varies</p> | <p>Support events and competitions through sponsorships and in-kind donations.
 Time commitment: 1-2 hours</p> | <p>Volunteer as a judge at a science fair or STEM competition.
 Time commitment: 3-4 hours</p> |



Commitments developed in collaboration with Science@OC, Orange County Department of Education, The Academy, and Vital Link.



The OC STEM Initiative brings together STEM funders representing corporate, family and quasi-governmental entities around a common vision for Orange County: (1) all students possess the requisite STEM skills to be competitive for 21st century jobs in Orange County; (2) all educators and teachers are provided the tools and support to ensure their students are STEM competent and STEM literate; and (3) Orange County is a leader in STEM workforce competitiveness in California and the United States.

To implement that vision, members identified the following key objectives in the OC STEM’s Strategic Plan entitled: “Blue Print for Success:”

1. Foster Orange County’s economic competitiveness and sustainability
2. Create effective partnerships between community stakeholders, including but not limited to families, education, businesses, government, and philanthropic, organizations
3. Promote STEM competencies across the educational continuum in Orange County from PreK through college
4. Prepare our children and future workforce to meet the dynamic requirements of a rapidly changing world
5. Produce college- and career-ready graduates who possess critical thinking skills and creativity that enable them to make productive choices in work and life

2014 HIGHLIGHTS

- * Development of a Common Core State Standards Communications Awareness Initiative to help inform Orange County businesses and parents about the importance of the Common Core State Standards for Orange County students.
- * Creation of an afterschool STEM network currently serving 160 sites in 25 school districts, reaching over 10,000 K-12 students through STEM focused program support and professional development to afterschool educators and programs.
- * Expansion of AppJam+, a mentoring program that brings college students and middle school students together in the development of a mobile application. Since 2012, over 200 middle school students have participated in the program.
- * Build out of the Lead STEM Practitioner network among STEM teachers throughout Orange County. (24 teachers representing 22 school districts have participated since 2013).
- * Planning of a county wide STEM Integration Institute for 2015—16 with leading STEM professional development providers from across the country.

OC STEM CONNECTOR — MAKING STEM REAL



OC STEM Connector is an innovative platform for connecting educators with STEM professionals to bring more hands-on experiences to the classroom throughout Orange County. PreK—12 teachers and educators representing instructional and extended day learning post STEM focused activities and projects and are matched with STEM professionals and volunteers. Participation and sign-up is free!

Visit: <http://occonnector.ocstem.org/> to learn more and sign up!

SAMPLING OF OC STEM COMMUNITY PARTNERS

OC STEM’s programs and initiatives rely on key partnerships

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| Abrazar | Discovery Science Center | Pretend City |
| The Academy | ExplorOcean | Rocket Science Tutors |
| Anaheim Family YMCA | Girls, Inc. | Science@OC |
| Boys and Girls Club of Capistrano Valley | Inside the Outdoors | THINK Together |
| Boys and Girls Club of Garden Grove | Orange CARES | Tiger Woods Learning Center |
| Boys and Girls Club of Westminster | Orange County Department of Education | WestEd |
| | PBS SoCal | Vital Link |

For more information, visit: <http://www.ocstem.org/>