STEM PROGRAMMING FOR YOUR ORGANIZATION

CONTACT: Margie Wolf, Program Coordinator
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Program Descriptions

**Discovering STEM**
Introduction to Science, Technology, Engineering & Math principals for young scientists in training, designed to tap into critical thinking skills with an emphasis on collaboration, innovation and creativity.

**KEY TOPICS:** STEM, Biology, Chemistry, Coding, Recycling, Nutrition

**STEM Ever After**
Storybooks come to life with hands-on art and science projects based on classic tales.

**KEY TOPICS:** STEM, Literature, Art

**Space Exploration**
From young learners to middle schoolers, space is everyone’s favorite topic! Choose from three levels of Space Exploration curricula designed to engage, entertain and inspire.

**KEY TOPICS:** STEM, STEAM, NASA, history, Biology, Astronomy, Physical Education, Nutrition

**Intro to Robotics**
We offer various levels of robotics exploration with hands-on Robotics, bee-bot, and Dot & Dash.

**KEY TOPICS:** Technology, Robotics, Coding

**Stop-Motion**
For students who love to tell stories! Become filmmakers and learn the cool tricks that make animation fun.

**KEY TOPICS:** Digital Technology, Applications, Design, Art

**Digital Design**
From stop motion to digital art and design projects, artists will merge their natural creative spirit with the wonders of technology during weekly digital and design and animation projects.

**KEY TOPICS:** Technology, Design, Art

Program durations vary from 6 - 12 weeks
Contact us for pricing and special requests

CONTACT US ABOUT SPECIAL PROGRAMMING & EVENTS

www.theSTEMalliance.org
### Program Descriptions

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<tr>
<th>Program</th>
<th>Key Topics</th>
<th>Grades</th>
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<tr>
<td>STEM Superheroes</td>
<td>STEM, History, Art, Architecture, Coding, Physics, Chemistry</td>
<td>Pre K-K, Lower Elementary, Upper Elementary, Middle School</td>
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<td>PixPro</td>
<td>Photography, Design, Art</td>
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<td>YESSS - Young Engineers Building Strong, Stable Structures</td>
<td>STEM, Engineering</td>
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<td>Inside Out</td>
<td>Dissection, STEM</td>
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<td>Website Design</td>
<td>Digital Technology, Applications, Design, Art</td>
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<tr>
<td>Chemistry Chaos</td>
<td>STEM, Chemistry</td>
<td>Pre K-K, Lower Elementary, Upper Elementary, Middle School</td>
</tr>
</tbody>
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**Intro to Advanced Robotics**
Introducing robotics to older learners who have not experienced robotics or coding using SPIKE Prime with more advanced coding challenges.

**KEY TOPICS:** Technology, Design, Art

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**Girls DO STEM**

Fun girls-only workshops designed to empower girls and keep them interested in STEM. Sessions can be tailored to your interests and needs (eg, afterschool, vacation camps, summer programming, etc.) Curriculums include:

**Girls DO Science** / Upper Elementary - High School
Discover what it’s like to be a scientist through creative exploration

**Girls DO Tech** / Lower Elementary - High School
Learn new skills mixing technology and design in robotics, coding, and more

**Girls DO Engineering** / Upper Elementary - High School
Explore collaborative hands-on projects in architecture and design

**Girls DO Math** / Upper Elementary - Middle School
Dive into fun, experiential learning to inspire confidence and instill a love of math

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**Tinkering Nights**
These events provide hands-on STEM activities for adults and kids to do together. A great family fun night for schools, PTAs, libraries and even businesses!

[Available themes include:](#)
- Electricity
- Magnetism
- Sight & Sound
- Simple Machines

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For add-on STEM experiences for your summer program please contact Margie Wolf
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