

# STEM Course Catalog

Our workshops take place throughout the year and can be customized to your team's schedules. Each course requires 12-25 people.

Course	Grade Level	Duration	Cost Per Session	Course Description
<b>Sparking STEM Interest</b>	3rd - 8th	1 - 2 hours	\$200	Learn how to connect student interests to STEM careers and pathways. Topics include basics of real-world STEM, discovering student interests, and 2 hands-on classroom activities to promote awareness and interest in STEM.
<b>STEM Family Engagement</b>	K - 12th	1 - 2 hours	\$200	Learn the nuts and bolts of planning and hosting a school-wide STEM or STEAM Family Night. Includes a planning guide for 20 TEKS-aligned STEM activities.
<b>Basics of STEM Workshop</b>	3rd - 8th	4 - 6 hours	\$800	Learn the basics of STEM education and how to plan a project-based STEM and STEAM lesson aligned to TEKS and utilizing the engineering design process. <i>Includes Sparking STEM Interest and STEM Family Engagement.</i>
<b>Implementing STEM Curriculum</b>	K - 8th	4 - 6 hours	\$800	Learn strategies for delivering STEM curriculum plus training on Launchpad, a 12 lesson foundational STEM curriculum aligned to TEKS. Versions available: Lower Elementary (grades K - 2), Upper Elementary (3 - 5), and Middle School (6 - 8). <i>Includes Sparking STEM Interest and STEM Family Engagement.</i>
<b>Weather Balloon Basics</b>	7th - 12th	2 hours	\$600	Learn how to launch a weather balloon to the stratosphere up to 100,000 feet! Includes a TEKS-aligned project guide covering how to organize student teams, develop a science experiment, and build the payload.

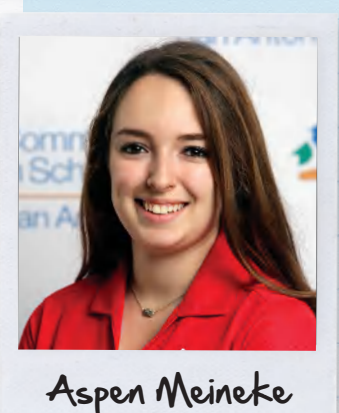
### Meet Our Trainers



**Natasha Wilkerson**

STEM Director  
BS in Aerospace Engineering

The Communities In Schools STEM department is led by CIS-SA STEM Director, Natasha Wilkerson. Natasha holds a Bachelor of Science in Aerospace Engineering from Texas A&M University and is the co-founder of Vivify, a STEM K-12 curriculum company that provides resources to STEM educators. Prior to CIS-SA, Natasha worked as an engineer for the Department of Defense including nanomaterials research, Navy radar electromagnetic interference testing, and satellite spectrum management.



**Aspen Meineke**

STEM Project Coordinator  
BS in Mechanical Engineering

CIS-SA STEM Project Coordinator, Aspen Meineke, is instrumental to CIS-SA's STEM instruction and curriculum development. Aspen holds a Bachelor of Science in Mechanical Engineering from the University of Texas in San Antonio. Prior to CIS-SA, she conducted undergraduate research in the fields of biochemistry and robotics including developing a rimless rover for Mars exploration.