

HANDS-ON MINDS-ON INDUSTRIAL PRACTICES

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Family STEM Challenge

The Science House (TSH) and the Center for Inquiry-Based Learning (CIBL) created the Family STEM Challenge program to provide schools, after-school programs, and other youth-serving organizations the opportunity to build and enhance relationships with family members and to engage and inspire young people to explore STEM in a fun way. Planning an event like a Science Night or Family STEM Challenge is a BIG undertaking and requires a lot of resources and time to plan and execute effectively. Further, the event should be fun, hands-on, accessible, cover different topics and interests, and give families opportunities to design, build, compete, and take home something fun! This is where we come in. We provide a turnkey kit that uses limited volunteers to get families competing together in three exciting activities: It is Rocket Science!, No Bones About It, and Whatever Floats Your Boat. We will also introduce three new events coming for Spring 2024!

Presentation Target:

Elementary School

Presenter(s):

1. Jason Painter, Director, The Science House, NC State University
2. Todd Guentensberger, Director, Center for Inquiry-Based Learning (CIBL)
3. Rachael Polmanteer, Director of Resource Development, Center for Inquiry-Based Learning (CIBL)