

## HANDS-ON, MINDS-ON INSTRUCTIONAL PRACTICES

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### **Presentation Title: Robot Revolution: Supercharge High-School STEM Education**

Ignite STEM passion with hands-on robotics! Explore the FIRST Robotics Competition and witness how robotics transform education, making STEM engaging and meaningful. High school FIRST teams foster collaboration among students, mentors and business leaders as they tackle exciting yearly game challenges. These robots bridge classroom learning with real-world careers.

FIRST students delve into engineering, coding, research, marketing, entrepreneurship and finance, building confidence and exploring growth paths. This session will provide hands-on FRC tool experience, introduce the FIRST Engineering Explorations curriculum, and guide you on how to make impactful partnerships. Seize this opportunity to inspire the next generation in STEM through collaborative, real-world learning!

### **Presentation Target:**

High School

### **Presenter(s):**

1. Julia Wagner, Director of Education and Programs, FIRST North Carolina
2. Anna Cloud, FRC Team Support Specialist, FIRST North Carolina