

# BRING *STEM***4GOOD** (Formerly Build Cool Stuff) TO YOUR SCHOOL

**FREE AFTER SCHOOL PROGRAMMING!**

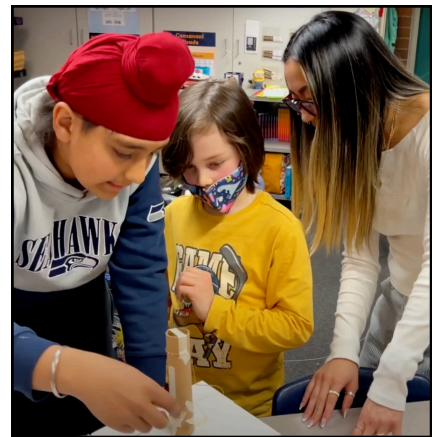
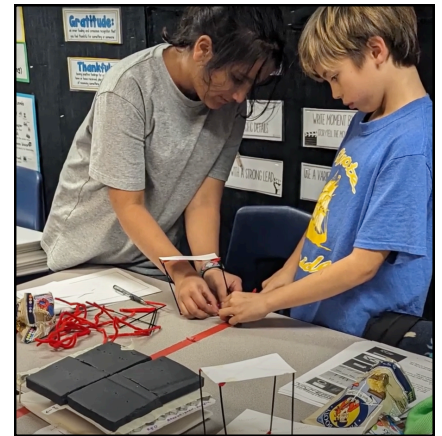
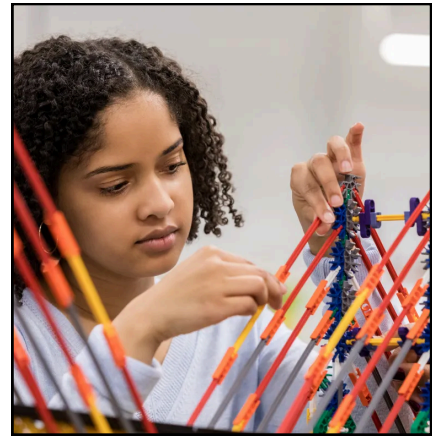
Empower your students to make a difference  
by bringing **STEM4Good** to your school!



Scan the QR code or visit  
[tinyurl.com/hoststem4good](https://tinyurl.com/hoststem4good)  
to sign up!

**STEM4Good Middle School** is a 6-week after-school program designed for students in grades 6-8. By bringing STEM4Good to your school, you'll help students engage in hands-on STEM activities that foster civic engagement, social emotional and career connected learning, and durable skill development. STEM4Good curriculum is provided by WABS, and supported by industry volunteers.

STEM4Good is a program of



**Equity in every school. Opportunity for every student.**



## HOST SCHOOL EXPERIENCE SNAPSHOT

### Prepare to Host

1. Register your school at [tinyurl.com/hostSTEM4Good](https://tinyurl.com/hostSTEM4Good), or email [schools@wabsalliance.org](mailto:schools@wabsalliance.org).
2. Confirm **admin approval** and **school host** (district employee, fingerprinted, present during all sessions).
3. Secure **space & technology** requirements

### Ready for Launch

1. Complete **host school training** (for school hosts only)
2. Confirm delivery of **supply kit**
3. Meet your **volunteers!**
4. **Recruit students** to participate

### Engage & Wrap-up

1. Teach **STEM4Good** sessions using provided curriculum with support from volunteers.
2. Complete post-experience survey + mail student surveys to WABS (pre-paid).
3. Confirm registration for following term

# STEM4GOOD

## 2024-2025 CURRICULUM SUMMARIES

### Fall 2024: Catapults and Trebuchets

"Catapults and Trebuchets" engages students in exploring the evolution of ancient technologies, applying Design Process Thinking to build and test these machines while learning about physics, force, and energy conservation. Through teamwork and problem-solving, students refine their designs for modern uses, such as environmental cleanup and remote supply delivery, highlighting how engineering principles can address real-world challenges and drive innovation.

### Winter 2025: An Incredible Journey

For thousands of years, salmon have been integral to cultures, traditions, and economies worldwide, serving as a keystone species in diverse ecosystems. However, their populations face threats from climate change, habitat loss, pollution, and migration barriers. "An Incredible Journey" offers students an interdisciplinary exploration of the salmon life cycle, cultural and economic significance, and the major challenges facing these species today. Through hands-on lessons, students learn about salmon's ecological impact and apply Design Process Thinking to create solutions that promote environmental stewardship in the PNW.

### Spring 2025: Right on Target

In "Right on Target", students design and deliver aid packages using technologies such as drones, cars, robots, and more. Students will explore the concept of aid—what it is, when and why it's needed, and how it reaches people in need. The curriculum includes interactive activities like aid drop simulations and builds that focus on transportation and overcoming obstacles. Students apply Design Process Thinking to create and test their aid delivery systems, culminating in presentations where they showcase their final projects and reflect on their learning journey.