



After School STEM Academy: Host Overview

Washington Alliance for Better Schools offers a free, hands-on, after school STEM (STEM: science, technology, engineering, and math) program for grades 3-5.

Schools interested in bringing ASSA to their schools can contact Kyleigh Sapp at kyleigh@wabsalliance.org to learn more.

- **What is After School STEM Academy (ASSA)?**
 - 4, 1x a week, 90 minute lessons of collaborative, student-led problem solving guided by a school host and volunteer with real-world experience in STEM fields, at no cost to schools or families.
- **Profile of a Volunteer:**
 - Our volunteers bring passionate interest in STEM learning because it sparked their own career path. Volunteers are professionals working with our partner companies in: mobile telecommunications, aerospace engineering, architecture, medicine, etc. Volunteers receive WABS training and support before and during program participation. While co-facilitating the sessions with school hosts, volunteers share stories of their learning pathway, and ultimately how their learning interests became a career in our community.
- **Profile of a School Host:**
 - School Hosts are passionate educators working within the 13 member school districts in the greater Seattle area. Hosts dedicate their time during the four 90 minute lessons to support and possibly co-facilitate with their volunteers. The main responsibilities of a school host are to coordinate approval from admin, select the after school space (classroom, cafeteria, gymnasium, etc.), time, dates and recruit their students to participate.
- **What Students Will Do/Build**
 - Students collaborate to design and build prototype solutions to real world problems like: building strong structures, creating smart city planning, and waste/trash material redesign and reuse.
- **Program Impact**
 - Students practice and increase important 21st Century skills for success: creativity, communication, collaboration, and critical thinking
 - Students are exposed to different career pathways rooted in STEM subjects.