



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 3-6.

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/or 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.