

After School STEM Academy

Host Info Session
August 2022

To begin we acknowledge that we are on the homeland of the Coast Salish people, and it is with gratitude that we recognize the tribes of this area and that it is their land we are on.



Our Mission

Washington Alliance for Better Schools is a collaborative of school districts and industry leaders that leverages resources, talent, and intellectual capital to help a quarter million students graduate career and college ready.



Equity, Diversity & Inclusion - *Our lens*

WABS is committed to addressing the systemic racism that creates disparities in education. We are committed to equity, diversity and inclusion, which requires that we use our collective voice to identify and eliminate institutional barriers that deny equitable access and impact the success of Black, Indigenous, and people of color (BIPOC), and other underserved students.

ASSA Program Goals

- High-quality, no-cost, STEM activities to inspire student interest in STEM learning and careers
- Provide students with the opportunity to work directly with STEM industry professionals
- Help students develop 21st Century skills (communication, collaboration, creativity & critical thinking)

WABS Provides

- 2 ASSA options: In person, & Virtual
 - Fall & Spring in person, Winter virtual option available
- Curriculum & Materials Kits
- A volunteer facilitator from a local STEM industry
- Training for school host staff and industry volunteers prior to facilitating the session. *Teachers can receive one CE hour with training attendance.*
- Ongoing resources and support for hosts and volunteers throughout the session.

School Host Requirements

- Identify a fingerprinted staff member to host the meetings
- Reserve classroom meeting space
- Attend 1 hour training session
- Schedule, recruit, and host meetings
- Complete feedback survey
- Reuse or keep unused supplies

2 Program Models

Fully In-Person: *Fall & Spring sessions.* Everyone participates in a school classroom together

Virtual Option: *Winter session only.* Request for participation online, in personal spaces

In-Person Model

- Fall session dates: 10/24-12/09
- 4 weeks
- 1.5 hour meetings
- 24 students per session

Roles: In-Person

Industry Volunteers:

Primary Facilitators

- Facilitate the hands-on activity
- Share connection to personal job experience
- Support student learning

School Hosts:

Session Manager

- Arrange classroom
- Support volunteers with activities if needed
- Help address behavior or technical issues if they arise

Curriculum

Elementary

Light Up the Night: An Electrical Engineering Challenge

In this unit, students will learn about electrical circuits by investigating different materials that allow electricity to move through them. *As most of the materials are electrical or battery based, in person sessions are recommended.*

Supply Kits

- Classroom kits will be available for volunteer pick up in early October. Any kits that are not picked up, will be delivered to schools.
- Volunteers will bring the kit to the first session and leave it in the classroom for the duration of the program.
- Supplies will not be returned to WABS. Please use or discard any leftover materials.

Registration

- Identify your session host
- Pick your time, weekday, and 4 dates between 10/24 - 12/09
- [Click this link to register](#)
- Complete registration form
 - Do you want basic supplies?
 - Do you want sanitizing supplies?

Host Responsibilities

- Recruit students
- Connect with your volunteer
- Verify your volunteer has the supply kit (October)
- Attend all sessions; assist volunteers as needed

Follow district policies regarding COVID precautions & hosting volunteers in a virtual setting, background checks, and breakout rooms.

Questions?

Connect with WABS

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THANK YOU