

Program: Seattle's Floating Communities

Grade Level: 6-8

Group Size: Max 30.

Length: 4 Sessions, each approximately 60-90 mins.

Location: Center For Architecture and Design or your classroom



Overview:

Follow the history of Seattle and some of its oldest aquatic neighborhoods. Students will learn the environmental, social, and ethnic history of Seattle's waterways. Students will dive deep into the changing landscapes, diverse heritage, and socio-economic changes that influenced Seattle's floating home communities. Students will then skim the surface of the science, engineering, design, and art of floating homes while designing one of their own.

Big Ideas:

- Environmental, economic, and demographic changes in Seattle's history.
- Architectural evolution of Seattle's iconic houseboats.
- Engineering and Architectural terms and methodologies of floating structures.

Outcomes:

- Explain how Seattle has adapted its environment and housing to meet changing needs, and geographic, political, and economic challenges.
- Have students consider the engineering and architecture behind floating homes.
- Have students design and create their own houseboats, and contemplate creating floating communities, and have them think about the implications of aquatic urbanism.

Common Core Standards (CCHS):

Social Studies: Geography & History: G2.6-8.3, G2.6-8.4, G2.6-8.6, H1.6-8.5, H2.6-8.2, H2.6-8.3, H2.6-8.4, H3.6-8.3, H4.6-8.2

ELA Speaking and Listening: CCSS.ELA-Literacy.SL.5.1, CCSS.ELA-Literacy.SL.5.1.b, CCSS.ELA-Literacy.SL.6.1, CCSS.ELA-Literacy.SL.6.1.b, CCSS.ELA-Literacy.SL.7.1, CCSS.ELA-Literacy.SL.8.1

Visual Arts: VA:Cr1.2.5, VA:Cr2.1.5, VA:Cr2.2.5, VA:Re7.1.5, VA:Cr1.1.6, VA:Cr2.1.6, VA:Cr2.3.6, VA:Cr10.6, VA:Cr1.1.7, VA:Cr2.1.7, VA:C2.3.7, VA:Cr2.1.8, VA:C2.3.8

Next Generation Science Standards (NGSS):

MS-ETS1-1 Engineering Design

21st Century Skills

- Collaboration
- Communication
- Creativity and innovation
- Critical Thinking