



Juneau, the Northwest Coast Arts Capital of the World and SHI FabLab

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SEALASKA
HERITAGE

Sealaska Heritage Institute's mission is to perpetuate and enhance Tlingit, Haida, and Tsimshian cultures.

Its goals are to promote cultural diversity and cross-cultural understanding through public services and events.

Vision Statement

Indigenous culture, values, and knowledge will be integrated into public policy, institutions, and programming serving Alaska Natives to sustain the cultural vitality of current and future generations.



AY2022-2023 SHI Support for Juneau School District

SHI currently provides direct financial support of \$2.4m+ for six discrete educational programs; 13 FTE; along with SHI staff support serving 2,125 Juneau students

Program	District Positions (FTE)	Youth Served	Annual Funding
STEAM MS	<ul style="list-style-type: none">• 2.0 Elective Teachers• 1.0 Instructional Coach	270	\$450,000
STEAM HS	<ul style="list-style-type: none">• 2.0 FTE	355	\$290,000
TCLL	<ul style="list-style-type: none">• 3.0 FTE	75	\$418,000
Raven Writes	<ul style="list-style-type: none">• 3.0 Writing Coach• 1.0 Writing Specialist	675	\$500,000
Voices*	<ul style="list-style-type: none">• 3 Artists in Residence• 1 Literacy Specialist	650	\$153,000
Box of Treasures	<ul style="list-style-type: none">• 1.8 FTE Language & Arts Instructors	100	\$330,000
Additional Support	<ul style="list-style-type: none">• SHI Staff support in schools		\$300,000+
TOTAL	~ 13 FTE	2,125	\$2.4 million+

**Voices residencies are contracted positions with SHI, not JSD employees.*

Expansion of SHI Education Programs – FabLab

- SHI will convert the first floor and basement of Municipal Way Building into a FabLab with 3D printers, vinyl cutters, laser cutters, a digital media lab, and traditional foods lab
- FabLab will be accessible to the community and to youth through in-school field trips, afterschool and weekend workshops, summer classes and school-based field trips
- Exterior renovations further downtown revitalization and reflect Juneau as Northwest Coast Arts Capital of the world:
 - Renovations compatible with CBJ's Heritage Square Northwest Coast Arts aesthetic
 - Improved comfortability for tenants through recommended upgrades to heating/cooling systems to aged facility



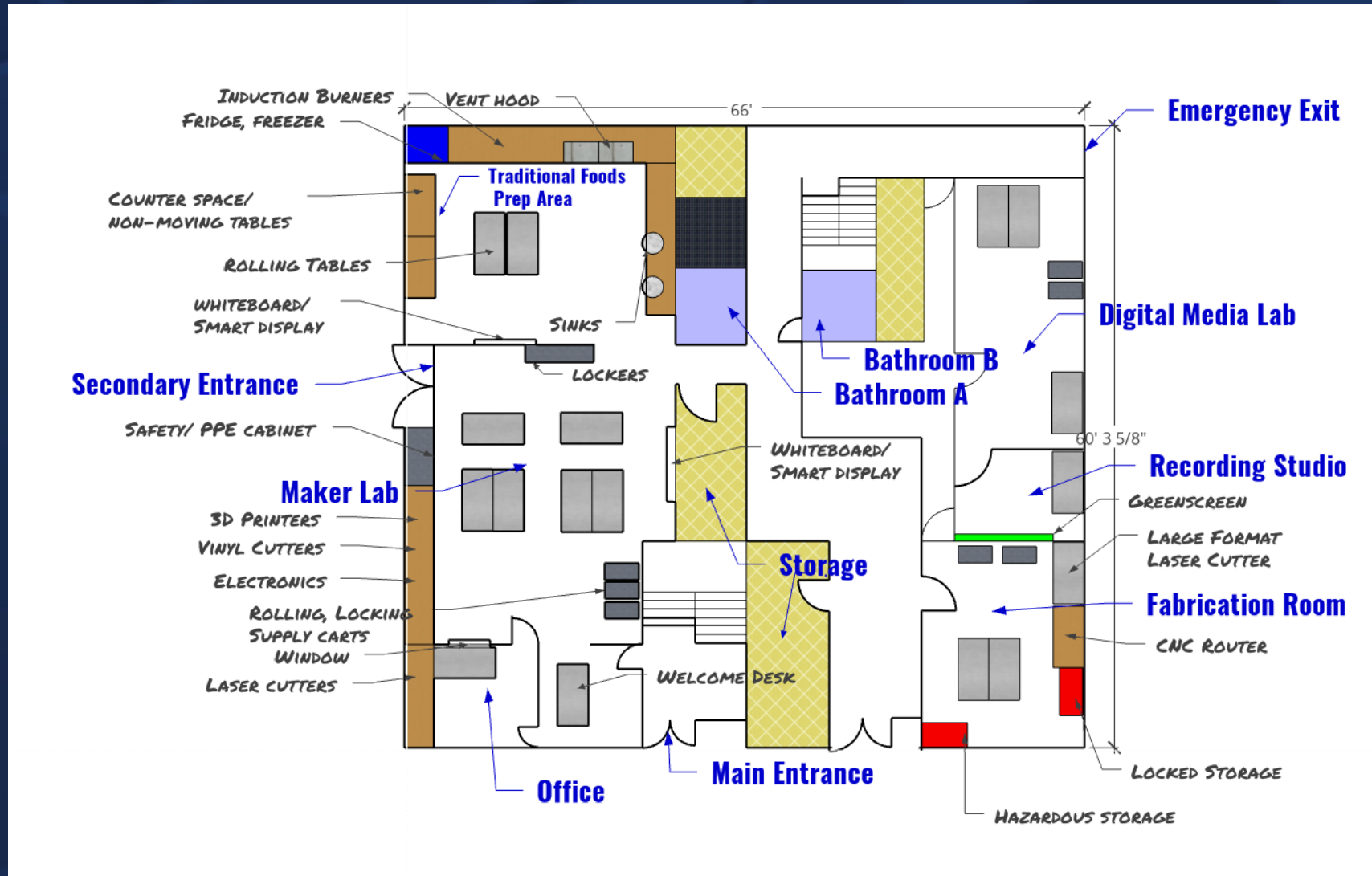
STEM Opportunities

- 24% of US workforce employed in a STEM field in 2021¹
- FabLab will improve Alaska Native math and science proficiency: 0.4% of Science & Engineering baccalaureate recipients are American Indian/Alaska Native¹
- FabLab will expand SHI's STEM internship opportunities:
 - SHI will have placed 20 Alaska Native high school/college students into internships with STEM partners in 2023, including: AEL&P, SEARHC, UAS, Juneau Public Libraries
- Aligned with Alaska Cultural Standards, Next Generation Science Standards, Alaska State Math Standards, Alaska State Art Standards

¹ National Science Foundation; National Center for Science and Engineering Statistics' *Diversity and STEM: Women, Minorities, and Persons with Disabilities 2023*



FabLab Programmatic Plan



Future Programming

- Community programming: Digital Arts, Robotics, Food Preservation and Preparation
- Juneau STEAM Coalition – District-wide Curiosity Unleashed Event and elementary school STEAM fairs
- Bridges into post secondary for students to continue their STEAM college and/or career pathway



Project Costs

- CBJ Investment of \$500,000 will generate more than \$3,900,000 of improvements to downtown and create a State of the Art educational and community facility
- CBJ investments enhance further donation requests to:
 - **State and Federal Requests**
 - **Corporate Giving**
 - **Foundation Support**

CATEGORY	DESCRIPTION	AMOUNT	STATUS
Building/Property Acquisition	Purchase of existing building for conversion to Fab Lab	\$2,600,000	Secured
Renovations	Renovate select areas of building (6,800 sq. ft. x \$500/sq. ft.) Exterior renovations for energy efficiency	\$3,400,000	\$1,300,000 Secured \$2,100,000 Seeking/Pending
Equipment	3D Printers, Shopbot PR Standard, Injection Molding Machine, US Cutter SC Model Kit, CNC Router-3 Axis, CNC Milling Machine, Computer Lab	\$500,000	Seeking/Pending
Total		\$6,500,000	\$3,900,000 Secured \$2,600,000 Need

Let's Build Together!

Gunalchéesh, Háw'aa, T'oyaxsism



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www.sealaskaheritage.org