



# Washington Office of Superintendent of **PUBLIC INSTRUCTION**

## **STEM Lighthouse Projects**

1. **Purpose:**

The purpose of these funds is to designate schools at the elementary, middle, and high school level as STEM Lighthouse Schools, to serve as resources and examples of best practices in science, technology, engineering, and mathematics instruction.

2. **Description of services provided:**

Competitive grant funding of up to \$20,000 per award is available for schools to be selected as a STEM Lighthouse school. Identified STEM Lighthouse schools work in cooperation with OSPI to publicize the models of best practices in science, technology, engineering, and mathematics instruction to encourage other schools and communities to replicate similar models.

3. **Criteria for receiving services and/or grants:**

Schools who already have an established successful program in science, technology, engineering and math (STEM) programs apply to OSPI for a grant; which is evaluated established best practices. Best practices identified include; a small, highly personalized learning community; interdisciplinary curriculum with a strong focus on STEM delivered through a project-based instructional approach; and active partnerships with businesses and the local community to connect learning beyond the classroom. Selected grantees must provide technical assistance and advice to other schools and communities in initial stages of creating learning environments focused on science, technology, engineering, and mathematics.

**Beneficiaries in 2020-21 School Year:**

<b>Number of School Districts:</b>	0
<b>Number of Schools:</b>	6
<b>Number of Students:</b>	0
<b>Number of Educators:</b>	0
<b>Other:</b> ESDs	0

**Number of OSPI staff associated with this funding (FTEs):** 0 FTE

**Number of contractors/other staff associated with this funding:** 0

**FY21 Funding: State Appropriation:** \$135,000

**Federal Appropriation:** \$0

**Other fund sources:** \$0  
**TOTAL (FY21)** \$135,000

4. **Are federal or other funds contingent on state funding?**

- No  
 Yes, please explain.

5. **State funding history:**

<b>Fiscal Year</b>	<b>Amount Funded</b>	<b>Actual Expenditures</b>
FY21	\$135,000	\$100,963
FY20	\$135,000	\$122,295
FY19	\$135,000	\$126,131
FY 18	\$135,000	\$121,738
FY17	\$135,000	\$122,066
FY16	\$135,000	\$122,583
FY15	\$135,000	\$121,438
FY14	\$135,000	\$117,965
FY13	\$135,000	\$134,459
FY12	\$135,000	\$126,558
FY11	\$75,000	\$75,000

6. **Number of beneficiaries (e.g., school districts, schools, students, educators, other) history:**

<b>Fiscal Year</b>	<b>Number of School Districts</b>	<b>Number of Schools</b>	<b>Number of Students</b>	<b>Number of Educators</b>	<b>Number of Other</b>
FY21					
FY20	N/A	6	N/A	N/A	N/A
FY19	N/A	6	N/A	N/A	N/A
FY 18	N/A	6	N/A	N/A	N/A
FY 17	N/A	6	N/A	N/A	N/A
FY 16	4	1	N/A	N/A	N/A
FY 15	3	3	N/A	N/A	N/A
FY 14	N/A	5	N/A	N/A	N/A
FY 13	N/A	6	N/A	N/A	N/A
FY 12	4	3	N/A	N/A	N/A
FY 11	6	N/A	N/A	N/A	N/A

7. **Programmatic changes since inception (if any):**  
In FY 2017, 2 different grant packages were opened to increase participation. This includes Form Package 545: High Schools, and Form Package 834: Middle Schools. This has been changed back to a single form package, Form Package 545, to include Elementary, Middle School and High School applications.
8. **Evaluations of program/major findings:**  
OSPI staff are working to increase opportunities to gather best practices and create opportunities for shared professional development among grantees to additional school districts to encourage new applicants.
9. **Major challenges faced by the program:**  
N/A
10. **Future opportunities:**  
OSPI is requesting selected applicants participate in structured professional development opportunities to promote the STEM Lighthouse Program, and exploring virtual based opportunities.
11. **Statutory and/or budget language:**  
ESSB 5092, Sec. 1518 (2)(b)\$135,000 of the general fund—state appropriation for fiscal year 2020 and \$135,000 of the general fund—state appropriation for fiscal year 2021 are provided solely for science, technology, engineering and mathematics lighthouse projects, consistent with chapter 238, Laws of 2010.
12. **Other relevant information:**  
This work is authorized by chapter 238, laws of 2010 (HB 2621).
13. **Schools/districts receiving assistance:**  
See [OSPI's Grantee List](#)
14. **Program Contact Information:**  
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