

STEM Lighthouse Projects

1. **Purpose:** Funds are apportioned to support the establishment of schools as science, technology, engineering, and mathematics lighthouse projects, consistent with chapter 238, laws of 2010.
2. **Description of services provided:** The designated middle and high schools serve as lighthouse program and provide technical assistance and advice to other middle and high schools and communities in the initial stages of creating learning environments focused on science, technology, engineering, and mathematics. The designated middle and high schools must have proven experience and be recognized as model programs. In addition, the office of the superintendent of public instruction shall work with the designated middle and high schools and shall encourage other middle and high schools and communities to work with the designated middle and high schools to replication similar models.
3. **Criteria for receiving services and/or grants:** OSPI evaluates competitive grant applications and designates up to three middle schools and three high schools to serve as resources of how to combine identified best practices. The schools must already have established models, as a component of being selected as a Lighthouse Program. Best practices identified include; a small, highly personalized learning community; an interdisciplinary curriculum with a strong focus on science, technology, engineering, and mathematics delivered through a project-based instructional approach; and active partnerships with businesses and the local community to connect learning beyond the classroom.

Beneficiaries in 2017-18 School Year:

of School Districts: 6
of Schools: 6
of Students:
Other:

Form Package 545: High Schools

Form Package 834: Middle Schools

of OSPI staff associated with this funding (FTEs): 1
of contractors/other staff associated with this funding: 0

FY 18 Funding:	State Appropriation:	\$135,000
	Federal Appropriation:	\$0.0
	Other fund sources:	\$0.0
	TOTAL (FY18)	\$135,000

4. **Are federal or other funds contingent on state funding? If yes, explain.** No.
5. **State funding history:**

Fiscal Year	Amount Funded	Actual Expenditures
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., schools, students, districts) history:**

Fiscal Year	Beneficiary
FY 11	6 SD's
FY 12	4 SD's, 3 Schools
FY 13	6 Schools
FY 14	5 Schools
FY 15	3 SD's, 3 Schools
FY 16	4 SD's, 1 School
FY 17	6 Schools
FY 18	6 Schools

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.
8. **Evaluations of program/major findings:** A perceived lack of interest based upon lower application numbers from schools. OSPI is working to increase opportunities to gain best practices and create opportunities for shared professional development among grantees to the other school districts.
9. **Major challenges faced by the program:** N/A
10. **Future opportunities:** The grant has been re-opened to include elementary, middle and high schools.
11. **Statutory and/or Budget language:**

Budget Proviso: SSB 5883 Section 513 (11) \$135,000 of the general fund-state appropriation for fiscal year 2019 and \$135,000 of the general fund-state appropriation for fiscal year 2019 are provided solely for science, technology, engineering, and mathematics lighthouse projects, consistent with chapter 238, Laws of 2010.

12. Other relevant information: N/A

13. List of schools/districts receiving assistance:

Elma High School
Onalaska High School
Henrietta Lacks Health and Bioscience High School
Morris Ford Middle School
Rochester Middle School
Louisa Boren STEM K-8

14. Program Contact Information:

Dan Tedor, STEM Program Supervisor
Phone: 360-725-4467
Email: dan.tedor@k12.wa.us