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: Competitive grant funding is available for schools to be selected as a STEM Lighthouse school. Elementary, Middle, and High Schools may all be selected as STEM Lighthouse schools.

3. Criteria for receiving services and/or grants: OSPI evaluates competitive grant applications and designates up to six 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 2018-19 School Year:

# of School Districts:	0
# of Schools:	6
# of Students:	0
Other: ESDs	0

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

FY 19 Funding:		
	State Appropriation:	$135,000
	Federal Appropriation:	$0
	Other fund sources:	$0
	TOTAL (FY19)	$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
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., schools, students, districts) history:**

Fiscal Year	Beneficiary
FY19	6 Schools
FY 18	6 Schools
FY 17	6 Schools
FY 16	4 SD's, 1 School
FY 15	3 SD's, 3 Schools
FY 14	5 Schools
FY 13	6 Schools
FY 12	4 SD's, 3 Schools
FY 11	6 SD's

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:** Lower application numbers suggest a perceived lack of interest. 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.

11. **Statutory and/or Budget language:**

Budget Proviso: ESSB 6032, Sec. 513 (11) - $135,000 of the general fund—state appropriation for fiscal year 2018 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**:** See OSPI website**.**

14.   Program Contact Information**:**

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