



STEM Professional Development Grants

1. Purpose:

Funding is allocated to provide professional development and training for educators to integrate science, technology, engineering, and mathematics (STEM) in instructional programs.

2. Description of services provided:

Grants of \$2,500 are provided to twenty middle and high school teachers for costs associated with professional development training focused on curriculum and course development and adoption to expand access to STEM based courses. For this fiscal year the professional development was hosted through Project Lead The Way (PLTW).

3. Criteria for receiving services and/or grants:

Currently, districts were selected to receive the grant based upon educator completion of PLTW training, which integrates science, math, technology, and engineering concepts into a PLTW aligned course that will be adopted at their school site.

Beneficiaries in the 2022-23 School Year:

Number of School Districts:	6
Number of Schools:	11
Number of Students:	0
Number of Educators:	0
Other:	N/A

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

No

5. State funding history:

Fiscal Year	Amount Funded	Actual Expenditures
2023	\$50,000	\$17,500
2022	\$50,000	\$35,632
2021	\$50,000	\$46,100
2020	\$50,000	\$44,837



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

Fiscal Year	Number of Schools
FY 23	11
FY 22	11
FY 21	12
FY 20	18

7. **Programmatic changes since inception (if any):**

The funding for this grant was previously administered through proviso GS2, until FY20 where GS2 was modified to be administered separately to proviso BL1 and MC1.

8. **Program evaluation or evaluation of major findings:**

This grant has traditionally been used to support teacher attendance to Project Lead the Way Trainings. These include trainings to support instructor implementation of Project Lead The Way (PLTW) Gateway programs for middle school, and PLTW high school programs in Computer Science, Engineering, and Biomedical Science pathways. There are additional options for STEM professional development that could be pursued through this proviso in the future.

9. **Major challenges faced by the program:**

Funding and choice to help schools implement STEM programs has not changed since the grant inception in 2013. Currently there is only one option for training through PLTW.

10. **Future opportunities:**

Additional availability and choice of fund usage to support integration and adoption of STEM courses could be improved. Additional grant money could be used to provide further STEM opportunities and content knowledge among instructors at the local level and help expand STEM education in a variety of pathways.

OSPI is considering shifting focus of the funding to better reflect district and school feedback and need.

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

\$50,000 of the general fund—state appropriation for fiscal year 2022 and \$50,000 of the general fund—state appropriation for fiscal year 2023 are provided solely for grants of \$2,500 to provide twenty middle and high school teachers each year with professional



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development training for implementing integrated math, science, technology, and engineering programs in their schools.

12. **Other relevant information:**

N/A

13. **Schools/districts receiving assistance:**

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14. **Program Contact Information:**

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