



Washington Office of Superintendent of PUBLIC INSTRUCTION

Advanced Project Lead the Way Courses

1. **Purpose:**

Grant funding is provided to ten high schools to support Advanced Project Lead the Way (PLTW) coursework. Funding may be used to support start-up costs associated with the course. The course must be offered to students by the beginning of the 2020-21 school year. This funding is intended to increase student access to STEM knowledge and career fields; aid the growth and integration of specialized courses in science, technology, engineering, and mathematics (STEM); advance the skills for industry employment; and develop access to and awareness of the opportunities for technical education.

2. **Description of services provided:**

The funding of this grant helps supports the high schools in providing additional courses in specialized Project Lead the Way and/or adding an additional PLTW high school program pathways.

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

To be eligible for funding, the high school must have offered a foundational PLTW course during the previous school year to be eligible to apply.

Beneficiaries in 2019-20 School Year:

Number of School Districts:	7
Number of Schools:	10
Number of Students:	0
Number of Educators:	0
Other: <i>Name other...</i>	0

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

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

FY20 Funding: State Appropriation:	\$250,000
Federal Appropriation:	\$0
Other fund sources:	\$0
TOTAL (FY20)	\$250,000

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

No

Yes, please explain.

If state funds are not available, the state will not be eligible...

5. **State funding history:**

Fiscal Year	Amount Funded	Actual Expenditures
FY20	\$250,000	\$250,000
FY19	\$250,000	\$249,106
FY18	\$250,000	\$249,010
FY17	\$125,000	\$125,000
FY16	\$125,000	\$125,000
FY15	\$250,000	\$248,851
FY14	\$250,000	\$225,000
FY13	\$250,000	\$250,000

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

Fiscal Year	Number of Schools
FY20	10
FY19	10
FY18	10
FY17	5
FY16	5
FY15	10
FY14	9
FY13	10

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

Project Lead the Way has added additional Advanced coursework since this proviso was originally funded, which has provided additional opportunity for high schools to provide coursework in three primary areas; Biomedical Science, Engineering, and Computer Science.

8. **Evaluations of program/major findings:**

Ten of the 14 applicants were funded, supporting high school adoption and implementation of advanced courses such as Biomedical Innovation, Principles of Engineering, Advanced Engineering, Aerospace Engineering, and Cybersecurity.

Grantees were able to access the PLTW website to access all learning and training materials associated with the funded Advanced PLTW course.

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

Past challenges for potential applicants have been identified related to the timing of the professional development necessary to offer the advanced coursework, and the availability of this proviso support. Additionally, districts have expressed the desire to access funding support to build a PLTW pathway with both foundational and advanced coursework concurrently, however; the proviso language prohibits accessing funding support until the foundational course has been offered for at least a year. COVID-19 did impact student's ability to experience this coursework hands-on, and there were difficulties accessing curriculum for some students while in remote learning.

10. **Future opportunities:**

It would be advantageous for a school that is currently offering a foundational course to add an advanced PLTW course concurrently. The funding could be used to support the implementation of an advanced PLTW course. The required PLTW training may be accessed virtually, instead of in-person as previously required, which may allow for more districts to have greater access to the training with better alignment of timelines for program adoption. This may result in an increased demand for grant support.

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

12. ESHB 1109 Sec. 522 (2)(c) \$250,000 of the general fund-state appropriation for fiscal year 2020 and \$250,000 of the general funds-state appropriation for fiscal year 2021 are provided solely for the advanced project lead the way courses at ten high schools. To be eligible for funding in 2020, a high school must have offered a foundational project lead the way course during the 2018-19 school year. The 2020 funding must be used for one-time start-up course costs for an advanced project lead the way course, to be offered to students beginning in the 2019-20 school year. To be eligible for funding in 2021, a high school must have offered a foundation project lead the way course during the 2019-20 school year. The 2020 funding must be used for one-time start-up course costs for an advanced project lead the way course, to be offered to students beginning in the 2020-21 school year. The office of the superintendent of public instruction and the education research and data center at the office of financial management shall track student participation and long-term outcome data. The office may require the recipient of these funds to report the impacts of the recipient's efforts in alignment with the measures of the Washington school improvement framework.

13. **Other relevant information:**

N/A

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

See [OSPI's Grantee List](#)

15. **Program Contact Information:**

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