

Project Lead The Way Massachusetts School Grant Program

Application - Part 1

Thank you for your interest in the Project Lead The Way (PLTW) Massachusetts grant opportunity. Funding for school grants is provided by the One8 Foundation and schools will receive additional programming and support from the One8 Applied Learning Hub and Mass Learning Project.

Application Instructions

Complete **one application per program per school**. Submit all applications by the deadlines below.

Please feel free to reach out to Christine Schepeler
(christine.schepeler@masslearning.org) with any questions.

Note: The application can be saved and does not need to be completed in one sitting. Click "save my progress and resume later" and enter your email address when prompted.

You may download a copy of the application for your reference [here](#).

Deadlines

- **December 17:** Part 1 applications due
- **January 9:** Invitations to Part 2 sent to schools
- **February 4:** Part 2 applications due
- **March 5:** Decisions to schools

High-Level Programming Expectations

A competitive application will include a plan to achieve the following program expectations over the three years of the grant. From 8 years of implementation support, we have learned that high-level programming includes:

1. Meaningful and sustained student exposure to the program, with significant student participation:
 - **PLTW Launch (K-5):** 100% of students enrolled in the school completing two modules each year by Year 3 of the grant
 - **PLTW Gateway (6-8):** 75-100% of students enrolled in the school completing at least one unit each year
 - **High School (9-12):** 15-25% of students enrolled in the school on track to complete a three-course pathway by Year 3 of the grant
2. Teacher, school administrator, and district leader champions
3. Plan to financially sustain the program after the grant

Grant funding is intended to support high-quality adoption of Project Lead The Way and, more specifically, to offset the costs associated with launching the program. Schools will be provided three payments over three years, and schools will pay vendors directly. Grant funds may not be used for annual recurring costs of the program, namely the annual PLTW participation fee or consumable equipment.

School Information

1) Please select your district and school.

DISTRICT *

Start typing to search the list.

SCHOOL *

Start typing to search the list.

2) Please provide the name and contact information of the primary grant contact.

FIRST NAME *

LAST NAME *

WHICH OF THE FOLLOWING BEST DESCRIBES YOUR ROLE: *

TITLE *

EMAIL ADDRESS *

PHONE NUMBER *

Phone number digits only

3) Please provide enrollment information for your school.

TOTAL SCHOOL ENROLLMENT *

NUMBER OF STUDENTS WITH LOW-INCOME DESIGNATION *

PERCENTAGE OF STUDENTS WITH LOW-INCOME DESIGNATION *

Please include number only without a percentage sign

Program Information

HOW DID YOU HEAR ABOUT THE PLTW GRANT OPPORTUNITY? *

Please select...



PROGRAM TO BE IMPLEMENTED (PLEASE SELECT ONLY ONE PROGRAM) *

Please select...



Note: if applying for more than one program, you must submit a separate application for each program.

ARE YOU APPLYING FOR A GRANT TO START A NEW PROGRAM OR TO EXPAND AN EXISTING PROGRAM? *

Please select...



Launch

For new Launch programs, we have developed two module sequences to support new schools' adoption of the program. These sequences are based on input from educators and take into account costs, standards alignment, and student experience. Schools may choose different modules, but we highly recommend one of the sequences below.

Sequence 1: MA PLTW STEM Path	Sequence 2: MA PLTW STEM + CS Path
K.1 – Structures and function	K.1 – Structures and function
K.2 – Pushes and pulls	K.4 – Animals and Algorithms
1.1 – Light and sound	1.1 – Light and sound
1.4 – Animated storytelling	1.4 – Animated storytelling
2.1 – Properties of matter	2.1 – Properties of matter
2.4 – Grids and games	2.4 – Grids and games
3.2 – Stability and motion: forces & interactions	3.2 – Stability and motion: forces & interactions
3.4 – Programming patterns	3.4 – Programming patterns
4.4 – Input/output: human brain	4.3 – Input/output: computer systems
4.9 – Energy explorations	4.4 – Input/output: human brain
5.1 – Robotics and automation	5.4 – Infection: modeling and simulation
5.5 – Matter: properties and reactions	5.5 – Matter: properties and reactions

WHICH SEQUENCE DO YOU PLAN TO IMPLEMENT? *

Please select...



Gateway

WHICH COURSES ARE YOU PLANNING TO IMPLEMENT OVER THE THREE-YEAR GRANT PERIOD? SEE PLTW COURSE LIST AT WWW.PLTW.ORG/CURRICULUM FOR DETAILS. •

- ☐ App Creators
- ☐ Automation & Robotics
- ☐ CS For Innovators & Makers
- ☐ Design & Modeling
- ☐ Medical Detectives
- ☐ Other

High School Biomedical Science

WHICH COURSES ARE YOU PLANNING TO IMPLEMENT OVER THE THREE-YEAR GRANT PERIOD? SEE PLTW COURSE LIST AT WWW.PLTW.ORG/CURRICULUM FOR DETAILS. •

- ☐ Principles of Biomed
- ☐ Human Body Systems
- ☐ Medical Interventions
- ☐ Biomed Innovations
- ☐ PLTW Capstone

High School Computer Science

WHICH COURSES ARE YOU PLANNING TO IMPLEMENT OVER THE THREE-YEAR GRANT PERIOD? SEE PLTW COURSE LIST AT WWW.PLTW.ORG/CURRICULUM FOR DETAILS. •

- ☐ CS Essentials
- ☐ Cybersecurity
- ☐ CS Principles
- ☐ CS A
- ☐ PLTW Capstone

High School Engineering

WHICH COURSES ARE YOU PLANNING TO IMPLEMENT OVER THE THREE-YEAR GRANT PERIOD?

SEE PLTW COURSE LIST AT WWW.PLTW.ORG/CURRICULUM FOR DETAILS. *

- ☐ Intro to Engineering Design
- ☐ Principles of Engineering
- ☐ Civil Engineering & Architecture
- ☐ Computer Integrated Manufacturing
- ☐ PLTW Capstone
- ☐ Other

PLTW at Your School

PLEASE SHARE YOUR VISION FOR PLTW PROGRAMS IN YOUR SCHOOL, INCLUDING STUDENT AND TEACHER ENGAGEMENT, COMMUNITY INVOLVEMENT, AND THE OVERALL IMPACT YOU EXPECT THE PROGRAMS TO HAVE. PLEASE BE SPECIFIC. *

PLEASE TELL US ABOUT THE SCHEDULE IN YOUR SCHOOL AS IT RELATES TO PLTW. HOW LONG IS THE PERIOD THAT PLTW WOULD BE OFFERED? HOW FREQUENTLY WOULD IT MEET? *

**PLEASE SHARE HOW YOUR SCHOOL HAS PREPARED FOR YOUR PLTW PROGRAMS.
(SELECT ALL THAT APPLY) ***

- ☐ Reviewed high level costs on the PLTW website (<https://www.pltw.org/plan-for-pltw/investment>)
- ☐ Consulted with IT staff regarding technology requirements
- ☐ Gathered input from administrators and/or teachers with previous PLTW experience
- ☐ Determined how to schedule PLTW during the school day
- ☐ Connected with another PLTW district or school
- ☐ Identified potential PLTW teacher(s)
- ☐ Attended a PLTW event or conference
- ☐ Engaged community and/or business stakeholders for support
- ☐ Connected with PLTW representative
- ☐ Connected with Mass Learning Project or One8 team
- ☐ Attended a school tour
- ☐ Implemented the sample lesson

LAUNCH: WHICH GRADE(S) WILL BE PARTICIPATING IN PLTW PROGRAMMING? *

- ☐ Pre-K
- ☐ Kindergarten
- ☐ Grade 1
- ☐ Grade 2
- ☐ Grade 3
- ☐ Grade 4
- ☐ Grade 5

GATEWAY: WHICH GRADE(S) WILL BE PARTICIPATING IN PLTW PROGRAMMING? *

☐ Grade 6

☐ Grade 7

☐ Grade 8

HIGH SCHOOL: WHICH GRADE(S) WILL BE PARTICIPATING IN PLTW PROGRAMMING? *

☐ Grade 9

☐ Grade 10

☐ Grade 11

☐ Grade 12

WILL ALL STUDENTS BE REQUIRED TO TAKE AT LEAST ONE PLTW COURSE AT SOME POINT DURING THEIR YEARS ENROLLED AT YOUR SCHOOL? *

- ☐ Yes, all students at our school will be required to participate in at least one PLTW course while enrolled at our school.
- ☐ No, PLTW will be an optional offering for students

Growing and Sustaining Your PLTW Program

PLTW grants from the Mass Learning Project, funded by the One8 Foundation, are intended to help defray the costs associated with establishing or expanding PLTW programs in a way that can be sustained and grown over time. Grants funds will be disbursed over a three-year period.

HOW DO YOU PLAN TO FINANCIALLY SUPPORT YOUR PLTW PROGRAM AFTER THE GRANT PERIOD ENDS? *

PLEASE FEEL FREE TO INCLUDE ANY ADDITIONAL INFORMATION REGARDING YOUR SCHOOL OR ITS PLAN FOR IMPLEMENTING PLTW PROGRAMS INCLUDING SPECIAL INITIATIVES, COMMUNITY PARTNERSHIPS, IMPLEMENTATION PLANS, ETC.

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SUBMIT