



WPI

STEM
Education
Center

PBL Institute: An Immersive Experience for PK-12 Educator Teams Application Questions

The WPI PK-12 Project-Based Learning (PBL) Institute encourages school teams already somewhat familiar with PBL to delve deeper in their understanding and planning of PBL experiences for their students. This offering is also an excellent follow-up program for the schools that have participated in the [Strategic STEM Integration Program](#), although that program is not a requirement for the PBL Institute.

Teams (made up of at least 2 teachers and 1 administrator) will be guided in working together to design a STEM or non-STEM PBL experience for their school/program.

Before you register your team, we ask that you identify and meet with your team members to discuss the shared PBL experience your team will be working on during the Institute.

This application will ask you to provide information about your school's demographics, your team, your project, and support from a school/district administrator.

Please email Mia Dubosarsky (mdubosarsky@wpi.edu) with any questions.

1. School:

2. District (if applicable)

3. School address:

4. State:

5. Principal/Head of School:

6. Number of students served by your school:

_____ PK _____ E _____ M _____ HS

7. % of students qualified for free/reduced-cost lunch (if applicable):

8. How did you hear about the PBL Institute?

STEM Education Center's newsletter (9)

STEM Education Center's Website (2)

AweSTEM! – the STEM Education Center's annual event (10)

Central Mass STEM Network Ecosystem (CMSNE) (11)

Social media (6)

A colleague (4)

Other (please describe) (5) _____

9. Please upload a signed support letter from your administrator (a photo of the signed letter is fine).

10. Please rate your school's current PBL experiences based on the following criteria:

* We define PBL as a pedagogical model that organizes learning around projects, which are complex tasks, based on challenging questions or problems, that involve students in open-ended design, problem solving, decision making, or investigative activities. Projects culminate in realistic products or presentations, providing students with the opportunity to develop professional skills.

	Not yet (1)	Somewhat (2)	Across the board (3)
Clear PBL definition shared by all staff (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Administration that supports PBL instruction (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Resources allocated to support PBL (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teachers' familiarity with project-based learning (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PBL planning time is available for all grade level teams (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PBL experiences are provided to *all* students, regardless of academic background (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PBL experiences are embedded within the regular curriculum (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PBL experiences are designed around authentic problems, relevant to students' lives (12)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students are accustomed to group work (13)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PBL is used as performance assessment (14)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

11. Additional information about the current state of PBL at your school (optional)

During the PBL Institute, teams will be working on the development/adaptation of a PBL unit. In the next questions you are asked to provide information about your team's selected unit, including the State standards it aligns with.

We strongly recommend that you keep a copy of your answers to refer back to during the Institute.

12. Subject area(s), please choose all that apply

- Science (1)
 - Mathematics (2)
 - ELA (3)
 - Social Studies (4)
 - Technology/Engineering (5)
 - Digital Learning/Computer Science (6)
 - Arts (including music, drama, visual arts) (7)
 - Physical education (8)
 - Other (please specify) (9) _____
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13. Please copy and paste the entire standard(s) here

14. Please describe the PBL unit you are planning to develop/adapt

15. In order to better help us meet your needs, please share your team's expectations for the PK-12 PBL Institute.

- * List reasons for participating in the PBL Institute.
- * Outline the things you hope the program will help your team accomplish.
- * Delineate resources you anticipate the PBL Institute will be able to offer your school.

16. Name all team members (3-6) who will attend the PBL Institute:

Please note: teams must include at least two teachers and at least one direct administrator.

	First Name	Last Name	Role	Grade Level	Subjects teaching in the coming academic year	Email address
Team member 1						
Team member 2						
Team member 3						
Team member 4						
Team member 5						
Team member 6						

17. Please identify a team leader (key contact person for communication)

18. **Payment Policy**

The PK-12 PBL Institute registration fees are:

- * \$975 for a 3-participant team
- * \$1,150 for a 4-participant team
- * \$1,275 for a 5-participant team
- * \$1,375 for a 6-participant team

An invoice will be sent to your school/district based on the number of team members on your application.

Strategic STEM Integration Network schools and districts are entitled to 10% discount on the registration fees.

A small number of scholarships for teams school/district serving **high-need students** is available.

I confirm my team's understanding of the registration rates and intention to pay. Please send the invoice to the following person (enter name and email)

My team would like to apply for a scholarship

Scholarship-specific follow up questions

Please note that the amount of scholarships is limited. The next few questions will help the STEM Education Center prioritize the available funds and its distribution among school teams with high needs.

18a. Amount of scholarship requested

- 10% of registration fees
- 25% of registration fees
- 50% of registration fees

18b. Reason for requesting scholarship

My school lacks the funds to support PBL professional development (please explain the lack of funds) _____

My school serves high-need population (please describe your school population and the impact of participating in the institute on engaging your students with PBL)

18c. Please share any additional information that may be relevant to awarding scholarship to your school

19. **Cancellation policy** Cancellations must be submitted via email. Full refund will be given to teams who cancel their registration up to 30 days prior to the start of the Institute. Cancellations received 8-29 days prior to the start of the program are subject to a cancellation fee of \$25. Cancellations received within 7 days prior to the start of the Institute and no-shows are subject to the full program tuition.

Please note: If the Institute is cancelled due to a low number of teams, a full refund will be issued.

All team members acknowledge reading the registration cancellation policy

20. **Photo, Media, and Copyright Release** By registering for this PD, I grant WPI my permission to photograph, videotape, and/or audiotape me during activities at WPI. These photographs/videos/audios will remain the property of WPI and may be used in advertising or marketing campaigns on WPI's websites, and for promotional and informational material including, but not limited to, flyers, brochures, newsletters, emails, advertisements, newspaper articles, posters, slide shows, TV or cable interviews/promotions, as well as for any other non-official use, without notifying the subject. I hereby waive any rights to compensation for, or ownership of, such images and/or sounds. * For questions or concerns, please contact the STEM Education Center at 508-831-5512 or at gr-STEMPD@wpi.edu.

All team members acknowledge reading the photo, media and copyright release statement. Team members with reservations will notify the STEM Education Center via the email above.