PLTW Launch Logs

From Implementation Through Assessment
Overview

• Welcome and Introductions
• Overview of Launch Logs
• Launch Log Implementation Strategies
• Assessing PLTW Launch Logs
• Q and A
Facilitators

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PLTW Launch Logs are science and engineering notebooks that PreK–5 students use to document their learning throughout a module. The PLTW Launch Log is not a traditional workbook nor a collection of worksheets, but it is designed to be an age-appropriate version of a professional engineering notebook.
How do you use PLTW Launch Logs in your classroom?
From Launch Logs to Engineering Notebooks
Exploring PLTW Launch Logs

• Explore a grade-level PLTW Launch Log at your table.
• Consider the scaffolding of student learning.
• On a sticky note, answer the following:
  • What are the benefits of using PLTW Launch Logs with your students?
  • What are some barriers for implementing or using PLTW Launch Logs with your students?
Implementation Strategies

- Modeling
- Classroom Launch Log
- Highlighting
- Modifying PLTW Launch Logs
  - Sentence starters
  - Simplifying vocabulary
  - Diagrams
  - Additional pages
Assessing PLTW Launch Logs

- Formative assessment tool for the teacher
- Self-assessment tool for students
- Creating a classroom rubric with your students
  - Allowing your students to identify the criteria of what should be included in their PLTW Launch Log can help hold them accountable.
Assessing PLTW Launch Logs
Assessing PLTW Launch Logs

Create a rubric with your group.

- Consider:
  - Grade level(s)
  - Criteria
  - Scaffolding
  - Evidence of student learning

Possible PLTW Launch Log Criteria

<table>
<thead>
<tr>
<th>Neat</th>
<th>Organized</th>
<th>Titles</th>
<th>Labels</th>
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<tbody>
<tr>
<td>Diagrams</td>
<td>Sketches</td>
<td>Drawings</td>
<td>Graphs</td>
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<tr>
<td>Results</td>
<td>Vocabulary words</td>
<td>Highlights</td>
<td>Ideas</td>
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<tr>
<td>Brainstorm</td>
<td>Explanations</td>
<td>Page numbers</td>
<td>Constraints</td>
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<td>Date</td>
<td>Name</td>
<td>Questions</td>
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<td>Improvements</td>
<td>Observations</td>
<td>Conclusions</td>
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<td>Design process</td>
<td>Charts</td>
<td>Graphic organizers</td>
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<tr>
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<td>Venn diagrams</td>
<td>Flow maps</td>
<td>Research</td>
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</tbody>
</table>

Mason and Bohl (2017) and Fulton, Paek, and Taoka (2017)
Thank you for joining us!

• Resources - myPLTW
• Q & A