

PERSONALIZATION AND PROJECT BASED LEARNING MONTHLY

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Issue #4
 January 2017

ANNOUNCEMENTS... Be sure to keep an eye out for upcoming PD opportunities! Also, please let me know what you are up to... I'd love to feature your classroom and students in an upcoming newsletter!

PILLARS OF PERSONALIZATION: Education Elements has identified four core components to Personalized Learning (PL): **INTEGRATED DIGITAL CONTENT, TARGETED INSTRUCTION, DATA DRIVEN DECISIONS, AND STUDENT REFLECTION AND OWNERSHIP.** A strong PBL project will inherently contain these four core Personalized Learning components.



Last month we looked at Data Driven Decisions and how we can use them to provide targeted instruction, identify the learning pathway of the class, support students in goal setting, etc.

We now arrive at our last Pillar of Personalization: **STUDENT REFLECTION AND OWNERSHIP.** Personalized learning can provide a lot of opportunity for students to own their learning, which leads to higher engagement and motivation, student goal setting, self-direction, and lifelong learning.

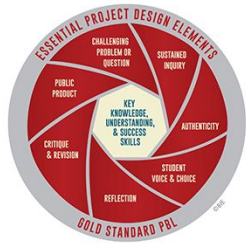
Students become less frustrated when they understand how their academic performance relates to their progress. When building reflective practices within their students, teachers need to frequently mentor, train and support their students in this process. Students need explicit and frequent opportunities to practice these skills.

Through a metacognitive reflective process, students can build these skills by comparing their efforts to their results and then making plans to improve. To begin this process, teachers can help students to track their own data. Mastering the ability to reflect opens the door for students to become self-directed learners. Through this process students can learn to set goals, prioritize tasks, develop schedules, make autonomous choices about their learning - increasing student agency - and demonstrate their learning through multiple pathways. Through all this, teachers act as mentors and coaches.

Potential First Steps to Implement Student Reflection and Ownership	
ELEMENTARY	SECONDARY
STUDENT TRACKER - Support students in learning to track their own data stemming from a specific digital tool or class assessments.	JOURNAL ENTRY - Reserve a set number of minutes for students to reflect on their learning and goals by maintaining a journal - whether online or offline.
STUDENT CHOICE - Create a lesson in which students can choose from a set of resources that cover similar concepts.	STUDENT PORTFOLIO - Work with students to develop portfolios of work and reflect on the progress of their work over time.
GOAL-SETTING - Work with each student to establish a simple learning goal such as mastering a specific math concept or reading a certain number of books.	STUDENT CHOICE - Allow students to create their own unique way of demonstrating mastery on a particular concept or objective.

GOLD STANDARD PBL FEATURE FOCUS: STUDENT VOICE AND CHOICE AND REFLECTION

Students having a say in their project increases ownership, motivation, and engagement. There are several ways to incorporate student voice in a project - they determine how they demonstrate their learning, their inquiry questions and where to find the answers, their topic, tasks and roles as a team, etc.



Throughout a project both teachers and students should reflect on what they are learning, why they are learning, and how they are learning. Reflection can be done informally as part of classroom conversation, but should also be explicit in journals, formative assessments, project checkpoints, and public presentations.

Students should reflect both on content and success skills. This helps them to internalize the learning and set future goals. Reflection on the design and implementation of the project can help students with the next project and help teachers design stronger projects.



Image Credit: <http://goo.gl/cvrg46>, <http://goo.gl/gjNxcw>
Adapted from BIE's

by Larmer, Mergendoller, & Boss

INTERESTING READS AND RESOURCES... THE ARTICLES BELOW ARE FULL OF GREAT RESOURCES AND IDEAS!

[14 Tech Tools To Enhance PBL](#)

[10 Resolutions and 10 Resources for Your PBL Classroom in 2017](#)

[Core Four Tactics Bank](#) - A useful resource for implementing the Core 4 Elements of Personalized Learning.

[Crash Course Kids](#) - A WONDERFUL video resource for K-6 from the same creators as Crash Course by John Green - They started with science concepts, but will be expanding to other subject areas.

FOR FURTHER READING - DOCUMENTS REFERENCED IN THIS ISSUE:

[7/EdElements](#) - white paper _____ by Scott Johns Download

@<https://goo.gl/TolTyT>

Gold Standard PBL: [Essential Project Design Elements](#)

Gold standard PBL: [Project Based Teaching Practices](#)

UPCOMING PROFESSIONAL DEVELOPMENT OPPORTUNITIES:

- PBL Follow-up: Wednesday, February 15, 2017 @ ESC
 - Open to all who have attended a PBL 101 Training in the past
 - From 8:00 A.M. to 3:00 P.M.
 - Registration will be sent as the date approaches

- PBL Follow-up: Thursday, March 30, 2017 @ ESC
 - Open to all who have attended a PBL 101 Training in the past
 - From 8:00 A.M. to 3:00 P.M.
 - Registration will be sent as the date approaches

CONTACT ME for individual, team, and site coaching and support!



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NHUSD Website: [Personalized Learning](#) and [Project Based Learning](#)