

MEET NATIONAL HEALTH STANDARDS USING PROJECT-BASED LEARNING

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Project Based Learning (PBL) is a dynamic approach to teaching in which students explore real world problems and challenges, simultaneously developing cross-curriculum skills while working in small collaborative groups.

30% of workers are engaged, 52% are not engaged and 18% seem to sabotage things. We want to create engaged workers.

One meta-analysis showed that students can improve their understanding of concepts 30% better by using PBL.

8 steps to success:

1. Plan and prepare
2. State the question, need, or problem
3. Engage the students
4. Develop a rubric and timeline
5. Implement and manage the project
6. Share and present information
7. Reflect
8. Assess: to know, to do, to be

3 points for PBL success:

Self skills/a sense of self (self awareness, decision-making, social skills, emotion regulation)

Motivation (intrinsic versus extrinsic)

Know the brain (different systems are growing at different times)

Student Needs:

Nature versus nurture - what are you seeing in your classroom?

We are not helping them developmentally, but PBL can help.

Reach Before You Teach: Ignite Passion and Purpose in Your Classroom

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The 6 Basic Factors Affecting the Learning Process

by Arthur W. Combs

1. **Need:** People learn best when they have a need to know.
2. **Self-reference:** Information affects behavior only with respect to its personal meaning for the behavior.
3. **Emotion:** The greater the meaning of an event to the persons involved, the greater the emotion.
4. **Challenge and Threat:** Learning is facilitated by challenge, inhibited by threat.
5. **Identification:** Learning is a social activity deeply affected by feelings of oneness or belonging.
6. **Feedback:** Learning is dependent on constructive feedback.