



Elementary Mathematics Professional Learning

Project-Based Learning



As described by the Buck Institute for Education: "Project Based Learning is a teaching method in which students gain knowledge and skills by working for an extended period of time to investigate and respond to an engaging and complex question, problem, or challenge."



Proponents of PBL say that PBL

- makes school more engaging for students,
- · improves learning,
- · builds success skills for college, career, and life,
- helps address standards,
- provides opportunities for students to use technology,
- · makes teaching more enjoyable and rewarding, and
- connects students and schools with communities and the real world.



For more information, ideas for projects, videos, etc.: Buck Institute for Education

PBL Consulting



Video: Lower School Math Project-Based Learning (2:36 min)

TedTalk: Project-Based Learning in an Actual Classroom: Kris Schwengel

Articles Books Research From the series *What Works? Research into Practice*<u>Project-Based Learning: Drawing on Best Practices in Project Management</u>
(It is not specific to mathematics, but talks about Project-Based Learning in general.)