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Websites that Support Project-Based Learning

Compiled by Jay McTighe

Please send me links to other great PBL resources so that I can add to this list.

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The Buck Institute is the leading organization in North America for Project-based Learning. Their website contains many valuable resources.

<http://bie.org/>

The Center for High Quality Student Work offers a searchable database of interdisciplinary projects.

<http://modelsofexcellence.education.org/projects>

International Education and Research Network (iEARN - Canada) – A national network of schools and resources in Canada focused on PBL.

<http://www.iearn-canada.org/guideontheside.html>

A vast array of PBL-related topics, examples, tools, and ideas is available from the iEARN network's Global Schoolhouse.

<http://www.gsn.org/web/pbl/pedagog.htm>

Edutopia – The George Lucas Educational Foundation includes video clips highlighting exemplary projects. Search their general website for “Project-based Learning”

<http://www.edutopia.org/>

WestEd PBL Network – Their website offers a primer on all aspects of PBL, including design, implementation, assessment tools, and examples of quality projects.

<http://www.pblnet.org/>

Challenge-based Learning – Digital Promise engages learners in applying technology in learning challenges and product designs.

<http://digitalpromise.org/our-approach/>

High Tech High School in San Diego, CA offers many examples of authentic projects with rubrics and student samples.

<http://www.hightechhigh.org/schools/HTH/>

<http://www.hightechhigh.org/projects/>

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Galileo offers resources for Inquiry and Project-Based Learning, including a Rubric for judging inquiry-based projects

<http://galileo.org/> and <http://galileo.org/rubric.pdf>

Great Student Work – Project-based Learning expert, Bob Pearlman, offers links to exceptional project examples and assessments from around the globe.

<http://www.bobpearlman.org/BestPractices/StudentWork.htm>

The WPI Industrial Mathematics Project for High School Students has developed over 20 industrial mathematics projects drawn from a variety of real-world situations. These engaging projects are available for every level of high school mathematics, from Algebra to Calculus and Statistics. The length and scope of these projects is flexible. Each project contains enough material for a major, semester-long endeavor, but its component parts can be used in a shorter project or for scaffolding activities.

<http://www.wpi.edu/academics/math/CIMS/IMPHSS/projects.html>

PBL Pathways contains project ideas for advanced mathematics.

<http://www.pblpathways.com/projects.html>

What Kids Can Do – A national nonprofit organization focused on student voice has links to several outstanding projects. Search under “Student Work & Voice,” then “projects and products” section.

<http://www.whatkidscando.org/index.asp>

STEPS – The Standards for Teachers through Educational Projects site includes video downloads of exemplary projects.

<http://itd.usd259.org/steps/pbl.htm>

Digital Storytelling for Academy Students and Instructors

The NAF/Pearson Foundation Digital Storytelling Project is modeled on exemplary PBL principles and contains examples of student developed projects.

<http://pearsonfoundation.org/NAF>

Project Foundry – A paid website offering practical resources for PBL implementation including project design, project management tools for students and teachers, rubrics and reporting tools.

http://kupuhouacademy.weebly.com/uploads/2/0/3/0/20309617/pbl_guide_w_6as.pdf

STEM Transitions offers a collection of STEM projects. Click on the following website to register (free) for access to the projects.

<http://www.stemtransitions.org/>

Defined STEM has developed 100+ performance tasks/projects and associated rubrics based on various career areas. The tasks use the GRASPS format from UbD to establish an authentic scenario. A unique feature is the inclusion of a motivating video that shows “real world” applications of knowledge to set up the task. While the title suggests that the tasks fall into the STEM arena, there are tasks in English/Language Arts and History/Social Studies as well.

(Note: This site requires a paid subscription.)

<http://www.definedstem.com>

STEM Transitions offers a collection of STEM projects. Click on the following website to register (free) for access to the projects.

<http://www.stemtransitions.org/>

STEM Projects – A collection of projects, organized by the following categories:

- Primary Source & Archived Collections Projects
- Real Time Data Projects
- Engineering Projects
- Partner Projects
- Collaborative Projects

<http://www.k12science.org/currichome.html>

Literacy Design Collaborative (LDC) – Funded by the Gates Foundation, the LDC has developed a set of task templates and instructional modules linked to the Common Core E/LA Standards. The templates support the integration of the E/LA Standards with content from Science, Social Studies and Technical subjects and can be used to generate and structure project ideas.

<http://ldc.org/>

Washington DOE – Performance assessment tasks with accompanying rubrics in History, Geography, Civics and Economics for elementary, middle and high school levels developed by the. Click on The Assessments then the Level.

<http://www.k12.wa.us/SocialStudies/Assessments/default.aspx>

TUVA LABS offers a variety of data-related projects and analysis tools.

Requires a free sign up to access the resources.

<https://tuvalabs.com/>

Global Challenges Project uses the United Nations Global Challenges set as the basis for authentic projects in West Windsor Township Schools (NJ).

<http://markwise8.wixsite.com/globalchallenge>

An article from Educational Leadership about the Global Challenge Project

<http://www.ascd.org/publications/educational-leadership/oct17/vol75/num02/Middle-Schoolers-Go-Global.aspx>

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MIT Design Lab offers authentic design projects for high school and college levels.

<http://d-lab.mit.edu/courses>

A video documenting high school Senior Exhibitions

<https://vimeo.com/album/3850195/video/158830952>

iPAD APP for Managing PBL

<http://www.eschoolnews.com/2016/03/28/app-of-the-week-welearnedit/?ps=jmctigh@aol.com-001a000001Acpy4-003a000001SasMM>

Models of Excellence from EL Education offers examples of K – 12 interdisciplinary projects

http://modelsofexcellence.education.org/projects?grade=9%2C12&sort_bef_combine=created+DESC&sort_bef_combine=created+DESC

World Peace Game is designed for Elementary/Lower School students, but applicable and adaptable for Middle and High School. It emphasizes collaborative problem solving and critical thinking in the context of a game simulation (project). Students “explore the connectedness of the global community through the lens of the economic, social, and environmental crises and the imminent threat of war.”

www.worldpeacegame.org

The Performance Assessment Resource Bank (SCALE) is a recently posted online resource developed at Stanford University. The site offers a searchable database of curated performance assessments and associated resources that support their use by educators, schools, and systems and is designed as a platform to build a rapidly expanding collection of curated resources. This was a closed site but is now available nationally!

<http://www.performanceassessmentresourcebank.org/>

Newsela provides a resource for helping students comprehend informational text. The free service offers daily news articles written at five levels of difficulty, suitable for students from upper elementary to high school. Newsela adapts to each student's reading ability to offer the right content while allowing re-leveling

of articles with a single click. Articles are paired with quizzes aligned to the CCSS so teachers can track their students' progress on a daily basis.

<http://newsela.com/>

PBS Learning Media offers daily news articles with accompanying questions and lesson ideas for teachers to use with students. This is a useful resource for tasks involving research or issues analysis on current topics.

<http://tinyurl.com/n7zmxr9>

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WA State DOE has posted a collection of classroom-based performance tasks with accompanying rubrics in History, Geography, Civics and Economics for elementary, middle and high school levels developed in the State of Washington. Click on The Assessments then the Level.
<http://www.k12.wa.us/SocialStudies/Assessments/default.aspx>

Beyond the Bubble (Stanford History Education Group) draws upon the archives of the Library of Congress to offer performance-based tasks used to assess historical thinking for US and Global history, including: sourcing; contextualization; corroboration; background knowledge; use of evidence; and periodization.
<https://sheg.stanford.edu/history-assessments>

Civic Online Reasoning (Stanford History Education Group) includes assessments of critical reasoning of online (and some print) resources, particularly focusing on the assessment of information, evidence and sources. The performance-based tasks easily work as formative assessments for Stage 3, or can be used as part of more extensive summative assessments in Stage 2.
<https://sheg.stanford.edu/civic-online-reasoning>