**Websites that Support Project-Based Learning**

*Compiled by Jay McTighe*

I have compiled the following collection of websites in support of curriculum and assessment design using the Understanding by Design (UbD)® framework. Please e-mail me (**jaymctighe@verizon.net**) if you discover outdated links as well as other useful sites that you find so that I can add to this list.

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

[**http://bie.org/**](http://bie.org/)

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

[**http://modelsofexcellence.eleducation.org/projects**](http://modelsofexcellence.eleducation.org/projects)

* **\* 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.
* **http://[www.definedstem.com](http://www.definedstem.com" \t "_blank)**

Use Access Code # **STEMACCESS**

You will be prompted to create your own user name and password.

**\*** Examples of authentic projects with rubrics and student samples developed at **High Tech High School** in San Diego, CA

[**http://www.hightechhigh.org/schools/HTH/**](http://www.hightechhigh.org/schools/HTH/)

[**http://www.hightechhigh.org/projects/**](http://www.hightechhigh.org/projects/)

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

[**http://galileo.org/**](http://galileo.org/)

[**http://galileo.org/rubric.pdf**](http://galileo.org/rubric.pdf)

\* **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.

**\*** Performance assessment tasks with accompanying rubrics in History, Geography, Civics and Economics forelementary, middle and high school levelsdeveloped by the **Washington DOE**. Click on The Assessments then the Level.

[**http://www.k12.wa.us/SocialStudies/Assessments/default.aspx**](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/**](https://tuvalabs.com/)

**\* The Maryland Dept. of Education** offers project-based assessments for high school students in Biology, Algebra, Government, and English.

[**http://hsaexam.org/resources/pubs.html**](http://hsaexam.org/resources/pubs.html)

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

[**http://markwise8.wix.com/globalchallenge**](http://markwise8.wix.com/globalchallenge)

[**http://millennium-project.org/millennium/challeng.html**](http://millennium-project.org/millennium/challeng.html)

**\* Voter’s Guide – Students in an AP Government Course created a Voter’s Guide to** inform the community about the 2016 presidential candidates.

**http://voterguide.ml**

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

[**http://d-lab.mit.edu/courses**](http://d-lab.mit.edu/courses)

**Project-Based Learning and STEAM**

* [**PBL and STEAM Education**](http://www.edutopia.org/blog/pbl-and-steam-natural-fit-andrew-miller): Discover how combining the pedagogical model of PBL with the rich content area of STEAM can be a winning combination.
* [**PBL Meets the Next Gen Science Standards**](http://www.edutopia.org/blog/pbl-meets-the-ngss-andrew-miller): Read about the new engineering focus of the [Next Generation Science Standards](http://www.nextgenscience.org/) and how design challenges may align to the standards as a key component of science, technology, engineering, art, and mathematics education.
* [**Creativity, Candy, and Commerce**](http://www.edutopia.org/blog/sweet-creativity-candy-commerce-todd-keruskin): Find out how middle school students brought curiosity and passion to their STEAM learning through the design, manufacture, and marketing of their own signature chocolate bars.
* [**From Modern Farm to Sustainable Table**: Teaching STEM and Humanities with Authenticity](http://www.edutopia.org/blog/sustainable-farm-stem-humanities-authenticity-heather-calabro-gregg-kaneko): Discover how one school uses an interdisciplinary PBL program to address content in biology, mathematics, social studies, and language arts; ninth graders conduct on-site sustainability studies, design hydroponic gardens, grow food, and engage in an Iron Chef cook-off.
* [**Students Juxtapose Art and Science to Learn About the Deadliest Cancer**](http://hechingered.org/content/in-san-diego-students-juxtapose-art-and-science-to-learn-about-the-deadliest-cancer_6494/): Find out how students at High Tech High Charter School use art and science with the context of project-based learning to learn about melanomas and increase melanoma awareness.

**Related Links:**

20 Years Project-Portfolio ­– High Tech Middle Chula Vista in San Diego, CA

8th graders at High Tech Middle School in San Diego, California each created a portfolio that presented himself or herself twenty years in the future.

• [Senior Presentations](https://www.youtube.com/playlist?list=PLD2E9648142899501" \t "_blank) - MNTHS seniors give culminating presentations after year-long projects See <http://modelsofexcellence.eleducation.org/resources/20-years-project-illuminating-standards-video>
• [PBL Presentations podcast](http://www.podcastgarden.com/episode/pbl-pesentations_67099%22%20%5Ct%20%22_blank) - 11 MNTHS teachers and students discuss PBL presentations
• [Manor New Technology HS YouTube channel](https://www.youtube.com/user/ManorNewTechHigh%22%20%5Ct%20%22_blank)
• [Manor New Technology Website](http://mnths.manorisd.net/%22%20%5Ct%20%22_blank)
• [Another Awesome Week](http://drtrinilicious.edublogs.org/%22%20%5Ct%20%22_blank) - weekly blog about Manor New Tech High School

Using social media to fund a school project in Ghana

<http://www.huffingtonpost.com/zachary-hayes-/6th-graders-flex-their-so_b_3195908.html>

The Global Efficient Cookstove Education Project – building low-cost stoves [http://globalchallenge.mit.edu/teams/view/373](http://globalchallenge.mit.edu/teams/view/373%22%20%5Ct%20%22_blank) and

[http://www.schoolleadership20.com/forum/topics/stove-project-sparks-global-youthaction?utm\_source=May+5%2C+2013&utm\_campaign=May+5+2013&utm\_medium=email](http://www.schoolleadership20.com/forum/topics/stove-project-sparks-global-youth-action?utm_source=May+5%2C+2013&utm_campaign=May+5+2013&utm_medium=email" \t "_blank)

**PBL BLOGS**

Project-based Teaching

<http://bie.org/blog/the_importance_of_project_based_teaching>

Presentations in PBL

<http://www.p21.org/news-events/p21blog/1841-stand-and-deliver-the-role-of-presentations-in-project-based-learning>

<http://www.p21.org/news-events/p21blog/1840>

Using Technology in PBL

<http://www.p21.org/news-events/p21blog/1832>

John Hattie’s Meta-Analyses and PBL

<http://www.edutopia.org/blog/hattie-effect-whats-essential-effective-pbl-suzie-boss>