Project/Problem Based Learning Lesson Template

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| **Created By:**  | **Topic:**  | **Grade Level or Subject:** |
| **Science Standards:** |
| **Math Standards:** |
| **ELA Standards:** |
| **Computer Science Standards:** |
| **CTE (Program of Study) Standards:**  |
| **Additional Standards (Social Studies, Art, Physical Education, etc.):** |
| **PBL Summary:** Write a few sentences describing this PBL lesson/unit. | **Multi-Dimensional/Driving Question:** Think of a relevant problem with multiple solutions that will drive student learning.  |
| **Tennessee Academic Standards for Science Connection** |
| Disciplinary Core Idea(s): | Science & Engineering Practice(s): | Cross Cutting Concept(s):  |
| **21st Century Skills Addressed (circle all that apply):** Creativity Collaboration Critical Thinking Communication |
| **Culminating Event:** What final student learning products will show student mastery of the content area standards? |
| **Hook / CTSO Competition Event:** Develop an introductory activity that will spark student interest and further questions. | **Industry/Community Partners:** List potential business or industry partners that could add to the learning experience for students. Include websites or contact info. | What do you need from these partners (i.e. guest speaker, field trip, help facilitate an activity)? |
| **Daily Activities:** What activities will students complete to answer the multi-dimensional/driving question (that reinforces content from the standards)? | **Resources/Materials Needed:** |
| **Technology Integration:** How is technology being utilized to support students in creating authentic learning experiences and/or products? How does technology enhance the learning experience?  |
| **STEM/STE(A)M Career Connections:** What STEM/STE(A)M careers (within your region) can you connect to this PBL Unit of Study?  |
| **CTSO Connections:** What Career and Technical Student Organization connection can be made with this PBL Unit of Study? |
| **Capstone Presentation:** How will students present what they’ve learned publicly? This can be the culminating event if that event is presenting what has been learned publicly. |
| **Industry Certification:** What industry certification opportunity is connected with this particular PBL Unit of Study? |

**Performance Based Rubric**

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| **Standards** | **Developing** | **On-Target** | **Mastery** |
| Science |  |  |  |
| Math |  |  |  |
| ELA |  |  |  |
| Computer Science |  |  |  |
| CTE (Program of Study)  |  |  |  |
| Additional Standards: |  |  |  |

***\*This document is editable and can be customized to best fit your needs.***