**WAMC Lab Template**

Math Concept(s):

Source / Text:

Developed by: E-Mail: Date:

**Attach the following documents:**

* Lab Instructions
* Student Handout(s)
* Rubric and/or Assessment Tool

**Short Description (Be sure to include where in your instruction this lab takes place):**

**Lab Plan**

Lab Title:

Prerequisite skills:

Lab objective:

**Standards:** *(Note SPECIFIC relationship to Science, Technology, and/or Engineering)*

[Mathematics K–12 Learning Standards](https://1drv.ms/b/s%21AithKuHrT3O5mAOtMPDggYRz4BTe?e=xtGrbS):

[Standards for Mathematical Practice](https://www.insidemathematics.org/common-core-resources/mathematical-practice-standards):

[K-12 Learning Standards-ELA](https://1drv.ms/b/s%21AithKuHrT3O5mAQ2M7omcssGJOZu?e=qS7HYC) (Reading, Writing, Speaking & Listening):

[K-12 Science Standards](https://1drv.ms/b/s%21AithKuHrT3O5mAb1gUWXim3ewopM?e=uIGCeo)/[Engineering](https://www.nextgenscience.org/topic-arrangement/hsengineering-design):

[Technology](https://1drv.ms/b/s%21AithKuHrT3O5mAVuwGKNZ6IqHFes?e=JaCb69)

[Leadership/21st Century Skills](https://1drv.ms/b/s%21AithKuHrT3O5mAg8I6HqAYMQyVVe?e=cJYj3d):

|  |
| --- |
| 21st Century Interdisciplinary themes (Check those that apply to the above activity.)[ ]  Global Awareness [ ]  Financial/Economic/Business/Entrepreneurial Literacy [ ]  Civic Literacy[ ]  Health/Safety Literacy [ ]  Environmental Literacy21st Century Skills(Check those that students will demonstrate in the above activity.) |
| **LEARNING AND INNOVATION**Creativity and Innovation[ ]  Think Creatively[ ]  Work Creatively with Others[ ]  Implement InnovationsCritical Thinking and Problem Solving[ ]  Reason Effectively[ ]  Use Systems Thinking[ ]  Make Judgments and Decisions[ ]  Solve ProblemsCommunication and Collaboration[ ]  Communicate Clearly[ ]  Collaborate with Others | **INFORMATION, MEDIA &** **TECHNOLOGY SKILLS**Information Literacy[ ]  Access and Evaluate Information[ ]  Use and manage InformationMedia Literacy[ ]  Analyze Media[ ]  Create Media ProductsInformation, Communications and Technology (ICT Literacy)[ ]  Apply Technology Effectively | **LIFE & CAREER SKILLS**Flexibility and Adaptability[ ]  Adapt to Change[ ]  Be FlexibleInitiative and Self-Direction[ ]  Manage Goals and Time[ ]  Work Independently[ ]  Be Self-Directed LearnersSocial and Cross-Cultural[ ]  Interact Effectively with Others[ ]  Work Effectively in Diverse Teams | **Productivity and Accountability**[ ]  Manage Projects[ ]  Produce ResultsLeadership and Responsibility[ ]  Guide and Lead Others[ ]  Be Responsible to Others |

**Industry Standards:**

|  |  |  |
| --- | --- | --- |
| **Agriculture, Food & Natural Resources Career Cluster**[ ]  National Council for Agriculture Education (NCAE)**Architecture & Construction Career Cluster**[ ]  National Center for Construction Education and Research (NCCER)[ ]  Home Builders Institute (HBI)[ ]  American Welding Society (AWS)[ ]  National Institute Metalworking Skills (NIMS)**Arts, A/V Technology & Communications Career Cluster**[ ]  The Graphic Arts Education & Research Foundation (GAERF) PrintED[ ]  Adobe | **Education Career Cluster**[ ]  National Association for the Education of Young Children (NAEYC)**Heath and Science Career Cluster**[ ]  American Medical Technologists (AMT)[ ]  National Consortium for Heath Science Education (NCHSE)[ ]  National Highway Traffic Safety Administration (NTSA) EMT**Hospitality & Tourism Career Cluster**[ ]  National Restaurant Association Education Foundation (NRAEF)[ ]  American Culinary Federation Education Foundation (ACFEF) | **Information Technology Career Cluster**[ ]  CompTIA**Marketing Career Cluster**[ ]  Manufacturing Skills Standards Council (MSSC)[ ]  Marketing and Business Administration Research and Curriculum Center (MBA Research)[ ]  National Retail Federation (NRF)**Transportation, Distribution & Logistics Career Cluster**[ ]  National Automotive Technician’s Education Foundation (NATEF) |

**Teacher Preparation: (What materials and set-up are required for this lab?)**

Materials

Set-Up Required:

**Lab Organization Strategies:**

Leadership (Connect to 21st Century Skills selected):

Cooperative Learning:

Expectations:

Timeline:

**Post Lab Follow-Up/Conclusions:**

Discuss real world application of learning from lab

Career Applications

Optional or Extension Activities