Integrated Lesson/Project Template

(For integrated project examples following this template, please refer to www.stemtransitions.org.)

Major Sections	Content	Suggestions
Overview	**Unit of Instruction:** **General Description/Purpose:** **Estimated Timeframe:** **Appropriate Course(s) for Implementation:** **Key Terms** (Allows readers to quickly identify major topics) **Student Learning Objectives:** **Standards/Skills Addressed**: *Academic Standards/Skills* *Technical Standards/Skills* *Employability Standards/Skills*	Think about the scope and sequence of the lesson/project being developed. What unit of instruction does this lesson/project fit into? What will students know and be able to do upon completing the activities within the lesson/ project? Resources: syllabus or content standards. Resources: career/technical instructors, Professional organizations/trade associations Local employers Local workforce or economic development board

CORD
Leading Change in Education

Major Sections	Content	Suggestions
Equipment/Materials	**List of Materials and Equipment**: **Safety Precautions (if applicable)**: **Cleanup Instructions (if applicable)**:	
Discussion	**Industry Scenario/Real-World Context**: **Proposed Teaching Strategies**:	What role (as a worker) do learners play in the scenario? What work does the learner's role require in the scenario? Teaching strategy examples: • Teamwork • Experiential learning/labs • Data gathering and manipulation • Measurement • Calculation • Simulation • Analysis • Research • Design • Service learning

CORD
Leading Change in Education

Major Sections	Content	Suggestions
Activities	**Activity Preparation:**	Activity prep can range from lab setup to a review of prerequisite concepts.
	Activity Steps:	
	Expected Results:	Observations, data collection, calculations, and wrap-up/conclusions.
	Extension Options: (Options for expanding project, modifying it to meet local interests, deepening its complexity.)	Where do you go next? What is the logical progression of activities? How might you build on students' interest and enthusiasm for a topic?

CORD
Leading Change in Education

Major Sections	Content	Suggestions
Faculty Resources	**Background Material:**	
	Handouts and Supplemental Materials: (worksheets, PowerPoint or video presentations, explanatory materials, lab report templates, glossary, quizzes, etc.)	What kinds of readings, worksheets and templates will you need to create for learners to use? Include all documents that will be needed by students to complete the project.
	Answer Keys (if relevant):	
	Suggested Website Links:	List all that are appropriate

CORD
Leading Change in Education

Major Sections	Content	Suggestions
Assessment	**Learner Products, Assessment Tools or Processes:**	Determine the criteria by which you will evaluate student achievement of learning objectives. How will students demonstrate what they have learned? Assessment tools: • Rubrics • Performance task checklists • Observations • Discussion participation • Quizzes, tests • Writing prompts • Portfolio of work • Research paper • Class presentation • Laboratory reports

CORD
Leading Change in Education