

SAFETY FIRST ENGINEERING PRESENTATION RUBRIC: PHYSICAL SCIENCE

Criteria	Ratings				
Description	Exceeds	Meets	Approaching	Needs Improvement	No Marks
Introduction & Summary	Introduction contains all aspects listed. All materials used are listed. All steps are easy to follow and in a logical sequence of ideas. A clear goal is stated.	Introduction contains all aspects listed. All materials used are listed. All steps are in order. A goal is stated.	All aspects are represented but not in an organized manner. A goal is present.	At least two aspects are represented.	This part of the presentation is incomplete or missing.
Visual Representation	Presentation has appropriate font size, text is easily visible (light text, dark background, and no busy backgrounds), and images are included.	Presentation has appropriate font size, text is visible, and images are included.	Presentation text is visible, and images are included.	Presentation text lacks visibility, and little to no images are included.	This part of the presentation is incomplete or missing.
Experimental Design	Design shows the learner has analyzed the problem and has independently designed and conducted a thoughtful experiment.	Design shows the learner grasps the basic idea of the scientific process by conducting an experiment that controlled obvious variables.	Design shows that the learner grasps the basic idea of the scientific process but needs some help in controlling obvious variables.	Design shows the learner can conduct an experiment when given considerable help by the instructor.	This part of the presentation is incomplete or missing.

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Data Analysis & Summary	Data was collected and recorded in an orderly manner that accurately reflects the results of the experiment.	Data was recorded in a manner that probably represents the results of the experiment.	Data was recorded in a disorganized manner or only with instructor assistance.	Data was recorded in an incomplete, haphazard manner or only after considerable teacher assistance.	This part of the presentation is incomplete or missing.
Presentation	Speech presented a clearly defined point of view that can be supported by research. Audience interest was considered, as were gestures, voice, and eye contact.	Speech was prepared with some instructor help but uses experiment results. Speech was logical and used gestures, voice, and eye contact to clarify meaning.	Speech was given after active instruction. Some consideration was given to gestures, voice, and eye contact.	Speech was given only after active instruction.	This part of the presentation is incomplete or missing.

Reference: Wiggins, G. (1998). *Educative Assessment*. Jossey-Bass.

