

Name _____ Date _____ Pd. _____

INVENT IT - CLASSROOM PRESENTATION RUBRIC
LONG FORM

(N.B.: Suggested assessment parameters are listed below each objective in descending order.)

1. The problem selected by the student was at an appropriate level. It provided challenge but was within the ability of the student. The “Disclosure Statement” with the instructor’s “OK” and the Sales Brochure were turned in on the day of the presentation before the student began the presentation.

- The student met all items in the descriptor.
- Either the Disclosure Statement or the Sales Brochure was not turned in on time.
- Both the Disclosure Statement and the Sales Brochure were not turned in on time.
- The project was “OK’d” but was not done at a level appropriate for this student.
- Unacceptable for this student and no Disclosure Statement presented.

2. The invention was demonstrated to the class in such a manner that all of the audience could see and understand what was done.

- The demonstration was clearly presented and visible to the entire audience.
- The demonstration was clearly presented but the speaker blocked some of the view.
- The demonstration was clearly presented but the object(s) were too small to see.
- Essential items about the invention were missing from the presentation.
- The invention was shown but not demonstrated or explained.

3. The invention was designed to solve the problem.

- The invention solved the problem stated in the disclosure statement.
- The invention was designed so that it should have solved the problem but did not.
- One major design flaw that kept the invention from solving the problem.
- Two major design flaws that kept the invention from solving the problem.
- This invention was not going to solve the stated problem.

4. The problem was solved.

- The invention solved the problem stated in the disclosure statement.
- The invention solved the problem with only one major error.
- The invention solved the problem with two major errors.
- The invention solved the problem with three major errors.
- The invention solved the problem with four or more major errors.

5. An appropriate experiment was designed to evaluate the invention. The experiment should contain an appropriate independent variable, an appropriate dependent variable, and an appropriate control.

- The experiment met all of the items in the descriptor.
- The experiment was missing one of the items in the descriptor.
- The experiment was missing two of the items in the descriptor.
- An experiment was conducted.
- No experiment was conducted.

6. A list of the constants for the experiment was presented.

- A complete list was presented to the class.
- A list was presented but it was missing one major constant.
- A list was presented but it was missing two major constants.
- A list was presented but it was missing three major constants.
- A list was presented but it was missing four or more major constants.

7. At least one graph of the experimental data was presented so that the entire audience could see and understand the graph. A copy of the graph was included in the Sales Brochure and was provided for the instructor before the speech began.

- The graph met all of the items listed in the descriptor.
- The graph was missing one of the items from the descriptor.
- The graph was missing two of the items from the descriptor.
- There was a graph but it was missing all three items from the descriptor.
- There was no graph.

8. Audience questions were answered at a level expected of an eighth grade student.

- All questions were answered at an appropriate level.
- All but one question was answered at an appropriate level.
- All but two questions were answered at an appropriate level.
- All but three questions were answered at an appropriate level.
- Four or more questions were left unanswered at an appropriate level.

9. The Sales Brochure contained a decorated cover, a brief summary of the need for the invention, a description of the experiment done to test the invention, at least one graph from the experiment, and pricing and ordering information.

- All items in the descriptor were present; the brochure had a high degree of appeal.
- All items in the descriptor were present.
- One item from the descriptor was missing.
- Two or more items from the descriptor were missing.
- No Sales Brochure.