

# Mousetrap Car PowerPoint Presentation Requirements

**Directions:** As a group you are to create a PowerPoint presentation that includes all six problem solving steps. Your presentation will also need to include at least one digital photo of your car, and the final drawing done in AutoCad. Be creative and use other images from clipart or the Internet. The following will need to be included.

1. Title Slide—introduces group members
2. Definition Slide—This slide states the problem that your group needed to solve.
3. Diagnose Slide—This slide should contain a list of the variables that you needed to take into consideration to solve this problem.
4. Develop solutions—
  - Option 1—Scan into your PowerPoint presentation the preliminary sketches of other ideas that your group came up with.
  - Option 2—Write a statement about each of your group's other ideas.
5. Select a Solution—This slide should contain your 3-view drawing of your final solution drawn in AutoCad. Make sure the drawing is labeled.
6. Implement the Solution—On either 1, 2, or 3 slides list the procedure that your group used to manufacture your car.
7. Evaluate the Solution—On this slide answer the following questions.
  1. What was the most challenging part of this assignment?
  2. If you had to do this assignment again, what would you do differently?
  3. What variable from step number 2 do you think in the most important consideration when building the car?