

Name:

Date:

Class:

Engineering Derby: Tool Ingenuity Pre-Assessment **Answer Key**

Define the following terms. (1 point per question; **max 5 points**)

1. **Non-conventional:** Something that is different than typical or normal.
2. **Teamwork:** The combined actions of a group of people to accomplish a specific task.
3. **Communication:** The imparting or exchange of information ideas and/or news by speech, writing or signs.
4. **Improvising:** To create or devise a solution by making do, without preparation, when faced with the absence of expected resources or results.
5. **Innovative:** Finding new methods and original ideas.
6. **Constraint:** A limitation or restriction.

Write a response using complete sentences. (**max 5 points**)

7. Looking at the terms above, which do you think best relate to you, and why?
How do you think your strength(s) might help a team of engineers?

Answers will vary.

Give 1 point for any attempt.

Give 1 point for validity/accuracy/reasonableness.

Give 1 point for grammar.

Give 2 points if student mentions how his/her strengths might help a team.

Total possible points = 10