



Competitive Event Prep Chapter 1

Major Engineering Achievement

Identify

The competitive events of the Technology Student Association (TSA) require extensive portfolio development to justify and rationalize the developed prototype. Most rubrics specifically explain the line item breakdown of each grading component. This shows that the portfolio and the prototype are equally important.

Set Up

Summarize a major engineering achievement.

Execute

Create an aesthetically pleasing, one-page handout. In the handout explain how each of the following areas of technology impacted the solution of the engineering achievement:

- medical
- agriculture and biotechnology
- energy and power
- information and communication
- transportation
- manufacturing
- construction

Evaluate

Examine your handout and make changes as necessary.

Share

Discuss your handout with the class.