College & Career Awareness
Project Based Learning
Cord Mess
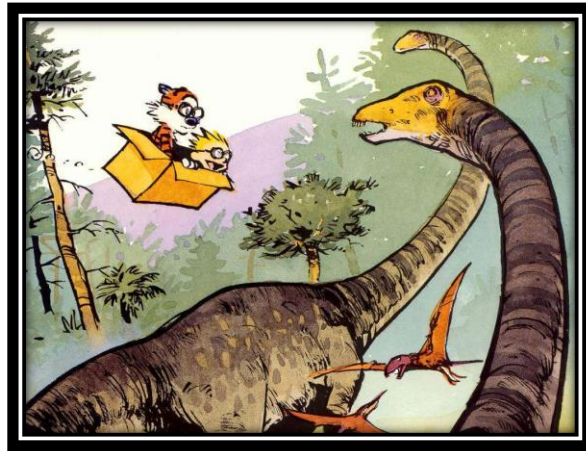
Calvin & Hobbes Comic by Bill Watterson

Overview: "Technology involves turning natural items into useful products. It is involved in all the products, inventions, and discoveries made by people. Technology can be summed up in one simple sentence. *It is the practical use of human knowledge.*"
Allen Pierce, Introduction to Technology

Essential question: What are the benefits of a group with diverse members working together to meet a common goal?

Checklist:

_____ Open your Project Folder. Determine the job assignment so that each team member has a responsibility. Send your manager to get the materials for the first activity and check out one computer per team with the appropriate amount of headphones & splitter. (record material manager name & computer number of the board)

_____ Listen to the introduction to this resource:
http://manufacturing.stanford.edu/
click on "How Everyday Things are Made"
Skip intro & go to the Introduction
As a team, choose a product to watch on the navigation menu

_____ Brainstorm ideas for a solution to the challenge. Use the computer to conduct some research. Use Ms. Emily's blog to access additional resources.

https://www.pinterest.com/debraspielmaker/project-based-learning-cord-mess/

_____ Begin to fill out the Engineering Design Process sheet found in your Project Folder

_____ Submit materials list to Ms. Emily

Due October 12, 2016
List period & names of team members:

_____ Create a timeline table that includes each task (including brainstorming, research, selecting the best solution) and the names of those names of those assigned the responsibility. (You have Tuesday Oct 4th, Thursday Oct 5th, and October 10th. We will present on Oct 14th)

_____ Complete a prototype

_____ Test & Improve prototype

_____ While some team members are working on the product, others can begin to work on the presentation of the product (Prezi, PowerPoint, Brochure, Poster)

- State the problem
- Present prototype
- A timeline or flow chart of the process

_____ Present (each member needs to be part of the presentation)

_____ Wrap up – record input for this project
                record output, select one manufacturing career, list its title and a job description, salary, education/training