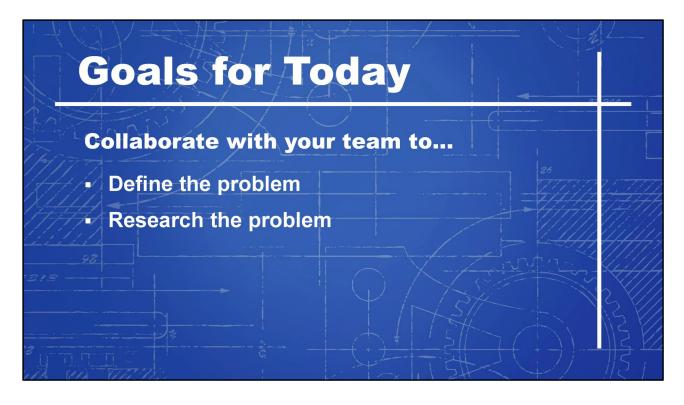


Invention Project

PowerPoint Lesson Slides Created by Michael Bryson

www.andrews.edu/go/invent

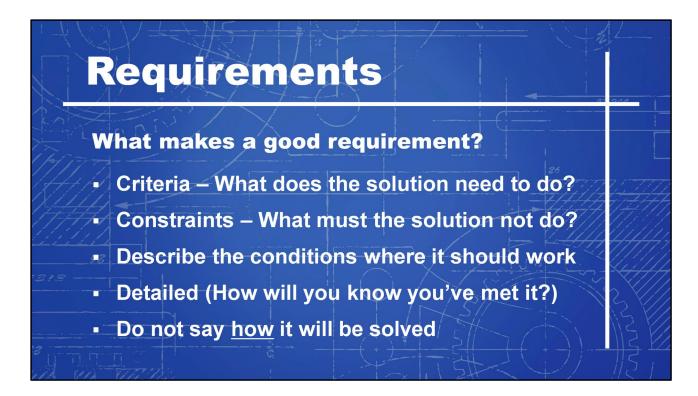
Andrews University STEM Division January 2022



Project: Define & Research the Problem

Read the Logbook for more information (pg. 7-10).

(may need to finish research next time)

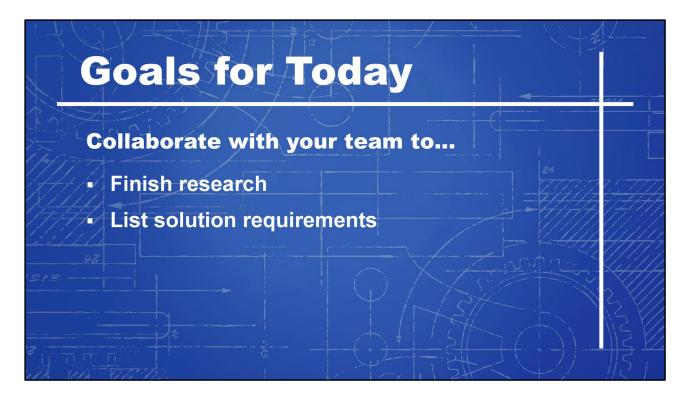


Project: Requirements

What makes a good requirement?

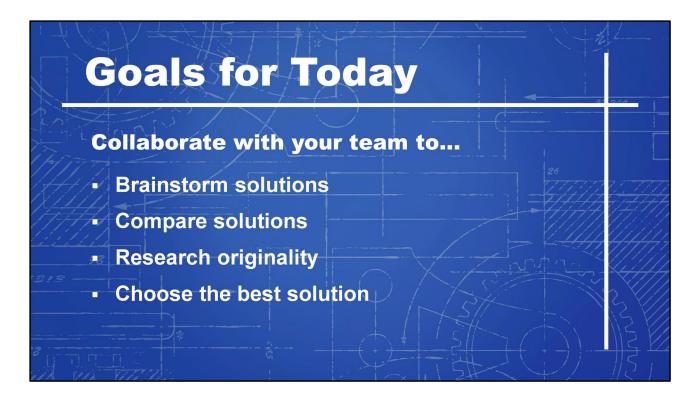
- Criteria things the solution must meet or do
- Constraints things the solution must not do (limitations or restrictions for the design)
- Consider the requirements for the solution without choosing a specific solution yet.
- The requirements will be the checklist for the invention.

Read the Logbook for more information (pg. 11).



Project: Requirements

Show the previous slide and read the Logbook for more information (pg. 11-12).



Project: Find & Choose a Solution

Read the Logbook for more information (pg. 13-15).

(this step may require extra time)



Project: Design & Build the Prototype

Read the Logbook for more information (pg. 16-17).

(this step may require several days)



Project: Test the Prototype

Read the Logbook for more information (pg. 16-17).

(this step may require several days)



Project: Improvement

Read the Logbook for more information (pg. 16-17).

(this step may require several days)



Project: Wrap-Up

Read the Logbook (pg. 18-19) and the Presentation Guidelines (available on our website, Presentation Resources section in Teacher Resources) for more information.

(additional resources available in the Presentation Resources section)