



Invention Project

PowerPoint Lesson Slides
Created by Michael Bryson

www.andrews.edu/go/invent

Andrews University STEM Division
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Note:

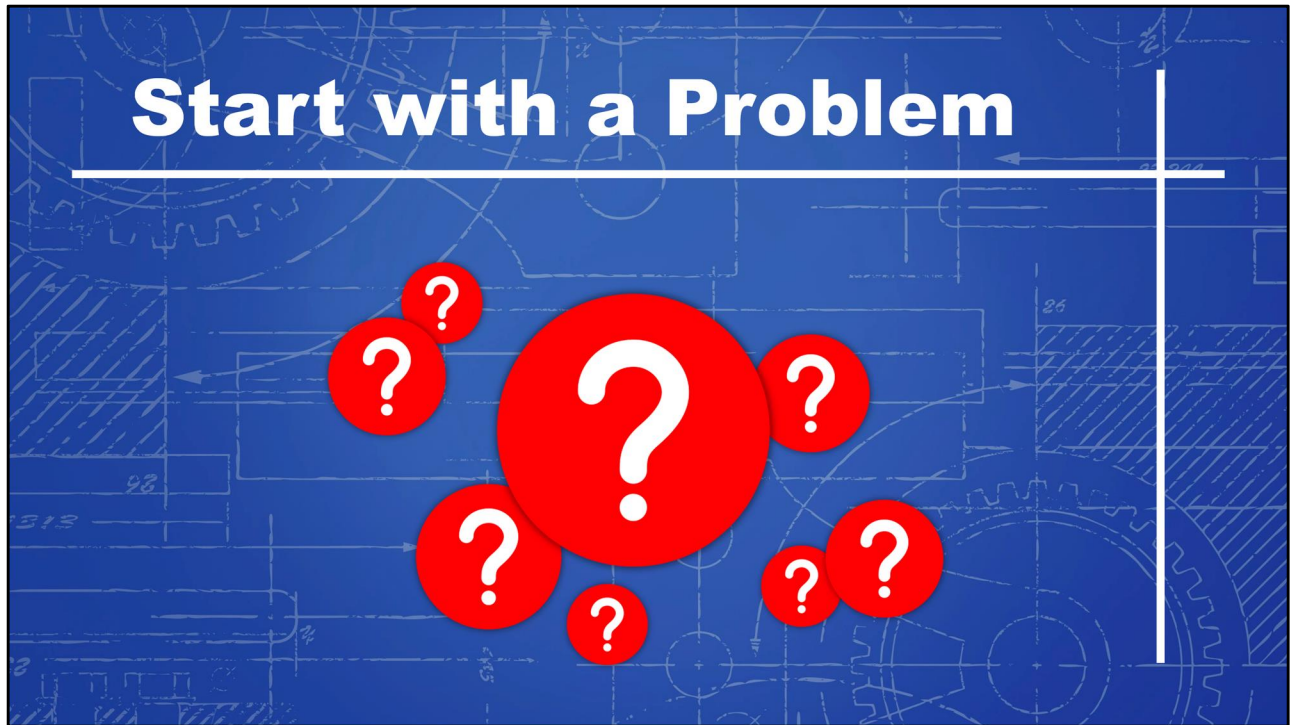
Some slides in the PowerPoint have text or images that appear out of place until full-screen playback. This is because some elements are animated and will not appear in the right place until the slide is played. There are also some animated transitions that require an extra slide to animate properly. These slides were simplified for the notes version to improve readability.

Page numbers in this document do not correspond to slide numbers in the PowerPoint.

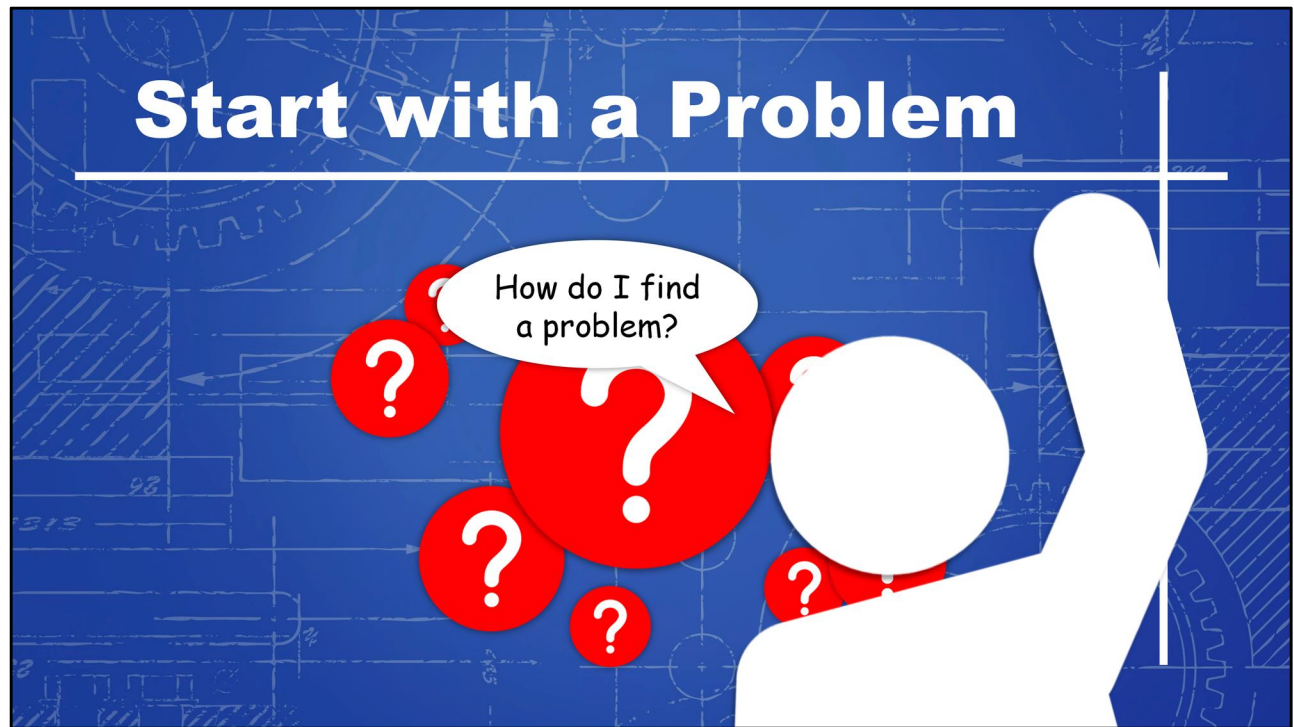


Lesson 2: Real-World Problems

Start with a Problem

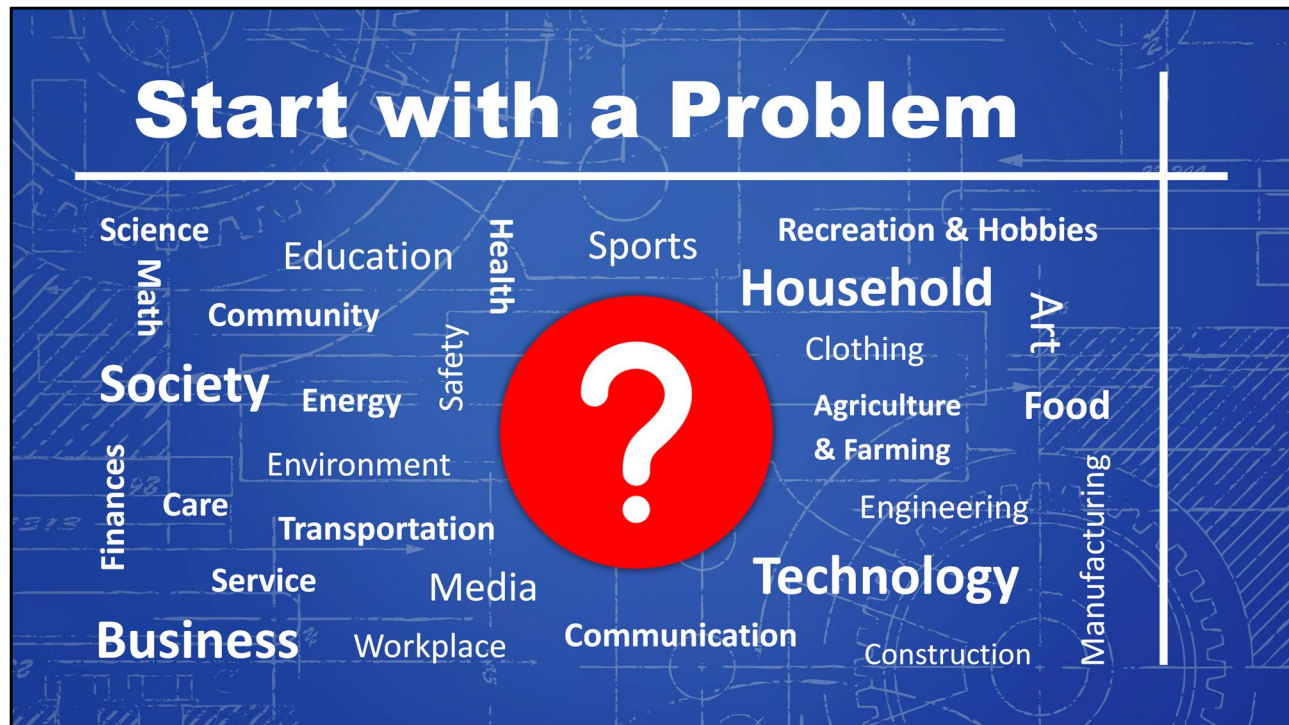


First Step: Find a Problem



First Step: Find a Problem

How do I find a problem?



First Step: Find a Problem

How do I find a problem? They are everywhere!

In-class assignment (next slide)

Invention Categories handout available on our website: (Project Resources section in Teacher Resources)

https://www.andrews.edu/cas/stem/invent/downloads/invention-categories_3-5.pdf

Assignment (due Today)

Work with your team to...

Find a problem you can solve with an invention

- **Share the problems you found**
- **Brainstorm new problems**
- **Choose a problem together**

Assignment: (due by end of class)

Each team should choose a problem today (or next time at the latest), because the remaining steps require significant time. It is good to choose a problem everyone cares about, but learning the process is more important.

- Start with onscreen invention categories (previous slide)
- Read the “Find a Problem” section in the Logbook (pg. 7)
- Team discussion
- Ask around the school
- Search online
- Etc.

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

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