iPrize 2014: RESEARCH

MISSION	Design a product that has the potential to improve the quality of life for 1 BILLION people.

RESEARCH? WHERE DO I START?!

Research your category's need or problem (Part 1 of *iPrize* Worksheet)

STEP #1: CREATE AN ESSENTIAL QUESTION

- What do you already know about your topic? What do you want to learn?
- Create an **unbiased** question based on what you wonder in order to guide your research.

EXAMPLES: What role does technology play in war? How has US military equipment given American soldiers an advantage in combat? What specific failures in technology have created disadvantages for soldiers?

STEP #2: RESEARCH YOUR ESSENTIAL QUESTION (EQ)

Using research databases, find answers to your **EQ**.

EXAMPLE: My research of military equipment used by the US **Naval** forces in the **21st Century** suggests that...
(Notice that your research will create a more detailed analysis, thus narrowing your focus.)

Use iTech's research databases from the library homepage. Pay particular attention this resource:
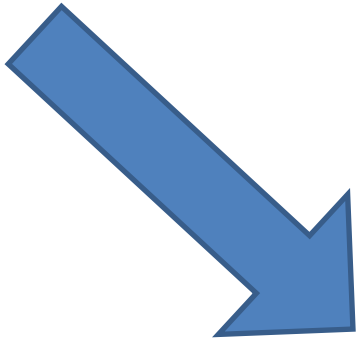
ISSUES & CONTROVERSIES
Contemporary Issues

STEP #3: MAKE A CLAIM BASED ON RESEARCH

After researching your **EQ**, make a **biased CLAIM** & **persuade** the reader about the impact of your invention; a product that will save the day, solve the issue, rise above competitors & help you earn the $ BIG BUCKS $.

EQ RESEARCH: My research of US Naval military equipment...suggests that...

CLAIM: The US government has unethically put Navy soldiers in extraneous danger by providing defective military equipment. My product uses cutting edge technology to combat this unnecessary & negligent oversight by...

At this point in the research process, you should also be looking at Part 2 of the *iPrize* Worksheet-PRODUCT RESEARCH.

STEP #4: SUPPORT YOUR CLAIM WITH EVIDENCE

After clearly articulating your **CLAIM**, communicate **5** pieces of evidence that will enhance your credibility to consumers.

CLAIM: My product uses cutting edge technology to combat this unnecessary & negligent oversight by...

SUPPORTING EVIDENCE: In a research study conducted by_____, investigators revealed that ___% of US military causalities were actually caused by faulty equipment (Cite Source).

*Use the citation tools within the databases

to start a Word document with all of your resources.

For websites, use the MLA Citation Maker on the Library website.

See Mrs. Nedved or your teacher for database passwords

if you need to access research from home.*

Presentation Platforms:

PowerPoint Alternatives	**Resources:** o **Google Docs Presentation** o **Empressr** o **Prezi**
Video Production	**Resources:** o Library **cameras** available for check out o **Windows MovieMaker** (Programs-Accessories) o **Animoto** o **Go Animate** o **Zimmer Twins**
Storyboard	**Resources:** **Capzules Social Storytelling** o Multimedia timeline tool o Insert images, descriptions, backgrounds, and music **Tripline** o Create an itinerary and present a trip to your island o Add music & images **MeoGraph** o Digital storytelling tool o Create map-based and timeline-based narrated stories