Inspirational Talks
and
STAR Communicators
EA talk Wednesday

Research talk

TED talk
Wednesday evening:

EA-Illinois Story & Talk

Additional Practice & Critique
EA talk Wednesday

Research talk

TED talk
In this part you will take notes on what you learn from this research presentation style
“Undergraduate Students Unwittingly Subjected to World's Worst Research Presentation”

https://www.youtube.com/watch?v=nSGqp4-bZQY
The problem with PowerPoint...

WHAT IF I TOLD YOU

THAT READING A POWERPOINT ALOUD IS NOT THE SAME AS TEACHING
Slides influence the preparation, delivery, and understanding of a scientific presentation.
Exercise: what are three problems that you see in this slide?

Near-Term Power Plant Economics with CO₂ Allowance Costs

- To illustrate the economics of operating existing and new power technologies, the chart shows the cost of various technologies when the projected CO₂ allowance prices are included.
- Projected CO₂ allowance prices of roughly $50/ton in 2025 increase variable costs of existing plants powered by fossil fuels to the point where many are likely to shut down.
- However, S. 2191 provides significant incentives for CCS technology for coal plants in the form of bonus allowances, resulting in earlier penetration of advanced coal with CCS.
Although bulleted lists are easy for presenters to create, they are difficult for audiences to understand.
Let us see if the following helps you get a better picture of my presentation

**Outline**

- Introduction
- Background
- Propulsion
- Landing
- Re-entry
- Exploration
  - Space Suits
  - Rovers
- Conclusion
- Acknowledgments
- Questions
The use of “cool” background does not make bulleted lists any less difficult for audiences to understand and retain.
If audiences try to process too many words simultaneously, their attention and retention decrease dramatically.

Order of Analysis

- Orbiter assessment of ascent debris damage includes:
  - Evaluation of potential for debris to damage tile and RCC
    - Program "Orbit" is official evaluation tool
    - Available test data for SOF on file
    - No SOP on RCC test data available
  - Even for worst case, SPF and derigged tile layer will remain
  - Thermal analysis of press with damaged tiles
  - Thermal analysis will predict potential life-erosion and temperatures on structure
  - Structural assessment based on thermal environment defined above
  - Basis in previous Mannedorb and Orbital Debris (MOD) study performed in 1999

“Spoken Words” + Written Words

[Sweller, 2005]
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TED talk
Take notes of the good components of this TED talk

https://www.youtube.com/embed/r9LCwI5iErE
Dr. Amos will start the first part of this communication training on content and organization, at our next lecture.

“My presentation lacks power and it has no point. I assumed the software would take care of that!”
Resources
   http://www.wired.com/wired/archive/11.09/ppt2.html
9. https://www.youtube.com/watch?v=nSGqp4-bZQY