



Putting Power Into PowerPoint

John A. Hanson

Instructor

Lakeshore Technical College

Cleveland, WI





Putting Power Into PowerPoint

- Welcome
 - Our session will involve many teachable moments
 - There are 5 segments to this session
 - Each segment has a **LEARNING PLAN** described in your **HANDOUT**
 - The computers will be utilized for your hands-on use and benefit.
- 



Putting Power Into PowerPoint

- Segment 1 – “Beyond the Simple Lecture”
 - Bridge strong learning objectives and the desire to accomplish a high level of learning comprehension through active learning.
 - Examine the parallels between the message you intend to send and the electronic software tools available to guarantee success.
 - Primary method is visual tools.
- 



Putting Power Into PowerPoint

- *Active Learning...*
 - has become commonplace across the academic disciplines of higher education.
 - requires students to actively do something
 - require students to think about what they have done – evaluation/critique
- 



Putting Power Into PowerPoint

- *Teaching activities associated with active learning -*
 - interactive lectures
 - collaborative learning groups
 - discussion-related writing tasks.
- 



Putting Power Into PowerPoint

- In cognitive psychology...
 - the meaning of active learning is slightly different
 - active learning involves the development of cognition
 - active learning is achieved by acquiring “organized knowledge structures” and “strategies for remembering, understanding, and solving problems.” (Bransford, Brown, & Cocking, *How People Learn: Brain, Mind, Experience, School.*)
 - **Additionally, active learning entails a process of interpretation, whereby new knowledge is related to prior knowledge and stored in a manner that emphasizes the elaborated meaning of these relationships.**
- 



Putting Power Into PowerPoint

The active learning process is promoted through such cognitive learning strategies as:

- activating prior knowledge
 - chunking
 - practicing metacognitive awareness
- 



Putting Power Into PowerPoint

- **Activating Prior Knowledge**
 - Instructor needs to understand what learners already know about a particular principle so any preconceptions or misconceptions can be corrected before further learning occurs.
- 



Putting Power Into PowerPoint

- **Chunking**

- Learners need to be able to group individual pieces of information into larger, more meaningful units, so information can be remembered and retrieved in an efficient manner.
- 



Putting Power Into PowerPoint

- **Practicing Metacognitive Awareness**
 - Learners need information about their own thinking processes so:
 - they can effectively plan,
 - monitor,
 - and evaluate their progress in learning.
- 

Putting Power Into PowerPoint





Putting Power Into PowerPoint

- Segment 2 –
“Which Enhancement Tool Is Right For You?”

Custom animation

Audio sound

Picture

Video presentation

Slide Design

Interactive Gaming





Putting Power Into PowerPoint

- Enhancement Tools
 - Analyze the type of audience
 - Match specific, yet basic learning enhancement tools to the audience for maximum learning comprehension
 - Lets take a look at some poor examples
- 



Putting Power Into PowerPoint

- First Work Activity...
 - Complete a Knowledge Assessment Worksheet

 - KAW link





Putting Power Into PowerPoint

- Second Work Activity...

"What the Ultimate PowerPoint Looks Like To You"

- First brainstorm concepts and ideas that are related to this topic.
 - Second, write the main topic in the center of a piece of paper and draw lines connecting the concepts and ideas that you brainstormed to the central topic.
 - Your concept map may resemble a Ferris wheel, a solar system or a geographical map.
- 



Putting Power Into PowerPoint

- Segment 3 – “Matching the Right Tool With the Projected Outcome”
 - Summarize the purpose of using certain types of electronic tools to achieve the maximum expected learning outcome
 - Explore the "INSERT" capability to utilize timed actions, video, and audio. You will also explore "GAMING" options available for use with diverse and targeted audiences.
- 

Putting Power Into PowerPoint





Putting Power Into PowerPoint

- Segment 4 –
 - “Selecting the Tools for the Toolbox”
 - Analyze the options of "PRINT SCREEN" and "SCREEN BOOK"
 - Begin to put a workshop project together using selected software enhancement tools to complete your electronic presentation
 - Discover the world of "BRAIN TEASERS" and the infamous "HOT POTATO" software tool
- 



Putting Power Into PowerPoint

- Print Screen...
 - Remember the “Crt” and “prt sc” keys on the computer keyboard
 - Use the “paint” file software in the “Accessories” are of your computer.
(Microsoft Software)
- 



Putting Power Into PowerPoint

- Brain Teasers...
 - Jeopardy
 - Game Show Pro 3
 - Hot Potato Quiz
 - Hot Potato Match





Putting Power Into PowerPoint

- Now it's your turn...





Putting Power Into PowerPoint

- Questions?





Putting Power Into PowerPoint

- Thank You and Enjoy the Conference!

