Putting Power Into PowerPoint

John A. Hanson
Instructor
Lakeshore Technical College
Cleveland, WI
• 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.
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• **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.
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
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- Teaching activities associated with active learning -
  - interactive lectures
  - collaborative learning groups
  - discussion-related writing tasks.
• 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.
The active learning process is promoted through such cognitive learning strategies as:

- activating prior knowledge
- chunking
- practicing metacognitive awareness
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- 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.
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• 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.
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• Practicing Metacognitive Awareness
  - Learners need information about their own thinking processes so:
    - they can effectively plan,
    - monitor,
    - and evaluate their progress in learning.
Segment 2 – “Which Enhancement Tool Is Right For You?”

- Custom animation
- Audio sound
- Video presentation
- Slide Design
- Interactive Gaming
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- Enhancement Tools
  - Analyze the type of audience
  - Match specific, yet basic learning enhancement tools to the audience for maximum learning comprehension

- Let's take a look at some poor examples
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• First Work Activity…
  ➢ Complete a Knowledge Assessment Worksheet

  ➢ KAW link
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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.
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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.
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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
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- 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)
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• Brain Teasers…
  ➢ Jeopardy
  ➢ Game Show Pro 3
  ➢ Hot Potato Quiz
  ➢ Hot Potato Match
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- Now it’s your turn…
Questions?
Thank You and Enjoy the Conference!