

# **Bloom's Taxonomy of Learning**

An Overview

# Overview

- ▶ Remembering
- ▶ Understanding
- ▶ Applying
- ▶ Analyzing
- ▶ Evaluating
- ▶ Creating
- ▶ Other Considerations...



# Remembering

- ▶ What you remember...usually simple, short answers.
- ▶ **Examples:**
  - What are the names of the bones in your arm?
  - When did WWII begin?
  - Definitions.
  - Flashcard facts.
  - What is your reading assignment for next week?
  - When is your next test?

# Understanding

- ▶ Moving toward in-depth understanding...and being able to construct meaning.
- ▶ Expand on simple memorization to create a bigger “picture”.
- ▶ Examples:
  - Name three ways in which Abraham Lincoln is considered a successful president.
  - What are the recurrent themes in the movie “Anatomy of a Murder”?
  - How does the central nervous system coordinate movement?

# Applying

- ▶ Put your knowledge to use...implement your understanding.
- ▶ Examples:
  - What do other filmmakers tend to borrow from Spielberg's methods?
  - How might Oliver Stone have directed the film E.T.?
  - How can you apply knowledge to a situation or problem?
    - Math applied to construction and business...
    - Making Powerpoint presentations for class.
    - Public speaking.

# Analyzing

- ▶ Think critically about what you know.
- ▶ Analysis requires you to...
  - Examine what you know. Do you really know?
  - Determine how do concepts relate to one another? An overall structure?
  - Be able to answer multi-faceted questions.
  - Discuss topics at length, and offer insight.
- ▶ Examples:
  - Why are “Friday the 13<sup>th</sup>” films so financially successful?
  - Are they successful financially compared to other similar films? Why? Why not?
  - What roles has technology played in recent horror films ?
  - How would you classify Jason’s personality? Why?

# Evaluating

- ▶ Bringing all the pieces together.
- ▶ What judgments or assumptions can be made after you've critiqued the information?
- ▶ Examples:
  - What types of story lines are popular with the horror film audience?
  - What are some characteristics of that type of audience? Why are those unique?
  - How might Spielberg's films be different if he'd been born 20 years earlier?

# Creating

## ▶ Examples:

- Write an essay detailing how Spielberg's directing style is unique when compared to other directors of his time.
- Prepare an audio/visual presentation illustrating the development of special effects techniques over the past 30 years.
- Create a website that rates horror films.
  - What will your ratings be based on?

# Two Memories

- ▶ Memory plays a huge role in the process of learning.
- ▶ **Short-Term Memory**
  - Very Fragile - retains 7 “chunks” of info for about 30 seconds.
- ▶ **Long-Term Memory**
  - Endures without much practice.
  - Built through association (the more you know the easier it is to learn).
  - Can help to fill in “gaps” in short-term memory.
  - If you don’t use it, you may find that you lose some of it.

# So...how does *learning* happen?

## It Takes Time!!!!

- Develop effective study practices...and stick with them.
  - Review notes regularly, contrasting them with the textbook.
  - Attend every class meeting.
  - Attend study groups even if you don't think you need to.
  - Determine if you are a night owl or morning dove and set a schedule -  
MANAGE YOUR TIME!
  - Discuss concerns with your professors. They can help you “put all of the pieces together”.
  - Avoid becoming discouraged if you don't see immediate results. Try and learn from these experiences...what can you do differently to attain the outcome you desire?

# Developing a Comprehensive Understanding

- ▶ Develop a goal...what do you *want* to achieve? What do you *need* to achieve.
- ▶ Maintain a positive attitude.
- ▶ Foster a personal interest in your studies.
- ▶ Do your best to stay focused...throughout the semester.
- ▶ Try a process-oriented approach.
  - Think about the steps in Bloom's Taxonomy.
  - How can you be systematic with your learning style?
  - Are you learning, or just preparing to answer test questions?

This PowerPoint presentation is the property of Northern Michigan University's Academic & Career Advisement Center. It may not be reproduced without written consent.

[www.nmu.edu/acac](http://www.nmu.edu/acac)

Presentation adapted from "Your Guide to College Success"  
(Santrock & Halonen, 2002).

Additional material adapted from the following website: [http://  
projects.coe.uga.edu/epltt/index.php?title=Bloom%7s\\_Taxonomy](http://projects.coe.uga.edu/epltt/index.php?title=Bloom%7s_Taxonomy)