

Effective Teaching-Learning Approach: Focusing the Attainment of Outcomes

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Why Teaching Methods?

- ▶ The mediocre teacher **tells**
- ▶ The good teacher **explains**
- ▶ The superior teacher **demonstrates**
- ▶ The great teacher **inspires**

William Arthur Ward (American)

Education is not the filling of a pail (bucket), but the lighting of a fire.
–W.B. Yeats

Teaching Methods?

- ▶ What I hear, I forget
- ▶ What I see, I remember
- ▶ What I say, I understand
- ▶ What I do, I understand and remember

Average Understanding Rates

- | | |
|---------------------|-----|
| ▶ What I hear | 20% |
| ▶ What I see | 30% |
| ▶ What I hear & see | 50% |
| ▶ What I do | 70% |
| ▶ What I do and say | 90% |

About Your Teachers

Most Memorable Teachers

Choose two most Memorable Teachers in the past:

- One that you like a lot.
- One that you dislike very much.



First think by Yourself:

Why do you like or dislike those teachers?

What stories do you remember about them?

Next, Work in pairs:

Share the stories about your most memorable teachers.



Effective Teaching

Do you think those teachers taught effectively or not?
Explain your answers.

What are the characteristics of effective teaching based on you past experiences?

What is it about your favorite teacher that made them teachers from whom you were able to learn?

Twelve Common Characteristics

- | | |
|-------------------|-------------------------------|
| Fairness | Willingness to admit mistakes |
| Positive attitude | Forgiving |
| Preparedness | Respect |
| Personal touch | High expectations |
| Sense of humor | Compassion |
| Creativity | |

The mediocre teacher tells. The good teacher explains. The superior teacher demonstrates. The great teacher inspires.”

~William Ward

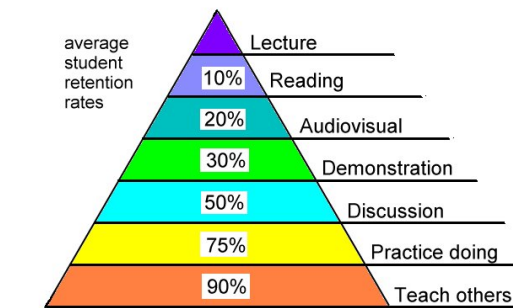
“The average teacher explains complexity; the gifted teacher reveals simplicity.”

~ Robert Braut

Common Teaching Methods

- ▶ Lecture
- ▶ Demonstration
- ▶ Reading Assignment
- ▶ Project / Assignment
- ▶ Group Assignment
- ▶ Small Group Discussion
- ▶ Panel Discussion
- ▶ Videotapes

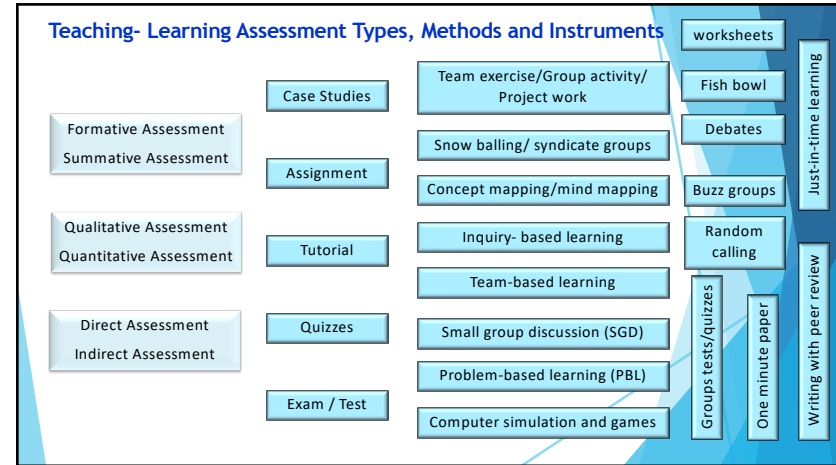
Learning Pyramid



Source: National Training Laboratories, Bethel, Maine

Common Teaching Methods

- ▶ Debate
- ▶ Simulation Game
- ▶ Brainstorming
- ▶ Case Studies
- ▶ Role Playing
- ▶ Seminar/ Workshop
- ▶ Cooperative Learning
- ▶ Problem-based Learning (PBL)
- ▶ Inquiry-based Learning (IBL)



Teaching-Learning Quotes

- ▶ You can teach a student a lesson for a day; but if you can teach him to learn by creating curiosity, he will continue the learning process as long as he lives.
-Clay P. Bedford
- ▶ I am learning all the time. The tombstone will be my diploma.
-Eartha Kitt

Importance of Interaction

- ▶ To keep Attention
- ▶ To check understanding of the Students
- ▶ Try Things Out in Practice
- ▶ To Compare different views
- ▶ Feedback to the Lecture
- ▶ Accommodate Diversity
- ▶ Foster Deep Learnings
- ▶ Etc.

Lecture

This involves the teacher telling the students information, it is **not an interactive** teaching method and there is usually no opportunity for feedback.

Lectures **must be properly planned** and prepared for to ensure their success and **must be supported** by other methods that will assess whether learning has taken place.

Common Lecture Stile/ Structure

- ▶ Classical
- ▶ Problem Centered
- ▶ Comparative
- ▶ Serialistic
- ▶ Progressive- Story Telling

Common Lecture Stile/ Structure

- | | |
|------------------------------|---------------|
| ▶ Classical | ▶ Section 1 |
| ▶ Problem Centered | ▶ Section 2 |
| ▶ Comparative | ▶ Section 3 |
| ▶ Serialistic | ▶ Conclusions |
| ▶ Progressive- Story Telling | |

Common Lecture Stile/ Structure

- | | |
|------------------------------|--|
| ▶ Classical | ▶ Introduction, description of the Problem |
| ▶ Problem Centered | ▶ Strategy/Alternative 1 |
| ▶ Comparative | ▶ Strategy/Alternative 2 |
| ▶ Serialistic | ▶ Strategy/Alternative 3 |
| ▶ Progressive- Story Telling | ▶ Conclusions “ I am taking approach 3” |

Common Lecture Stile/ Structure

- ▶ Classical
- ▶ Problem Centered
- ▶ Comparative
- ▶ Serialistic
- ▶ Progressive- Story Telling
- ▶ Introduction, comparing A and B
- ▶ Comparison of factor 1
- ▶ Comparison of factor 2
- ▶ Comparison of factor 3
- ▶ Summery

Common Lecture Stile/ Structure

- ▶ Classical
- ▶ Problem Centered
- ▶ Comparative
- ▶ Serialistic
- ▶ Progressive- Story Telling
- ▶ Introduction
- ▶ A, then A and B
- ▶ B, then B and C
- ▶ C, then C and D
- ▶ Etc.
- ▶ Final Remarks

Common Lecture Stile/ Structure

- ▶ Classical
- ▶ Problem Centered
- ▶ Comparative
- ▶ Serialistic
- ▶ Progressive- Story Telling
- ▶ Personal connection
- ▶ Setting the scene
- ▶ Unfolding the narration
- ▶ Concluding the Story

Structuring Content to Sequencing

Develop you Lecture moving from the -

- ▶ Simple to Complex
- ▶ Big picture to Details
- ▶ Concrete to Abstract
- ▶ Practice to theory

