

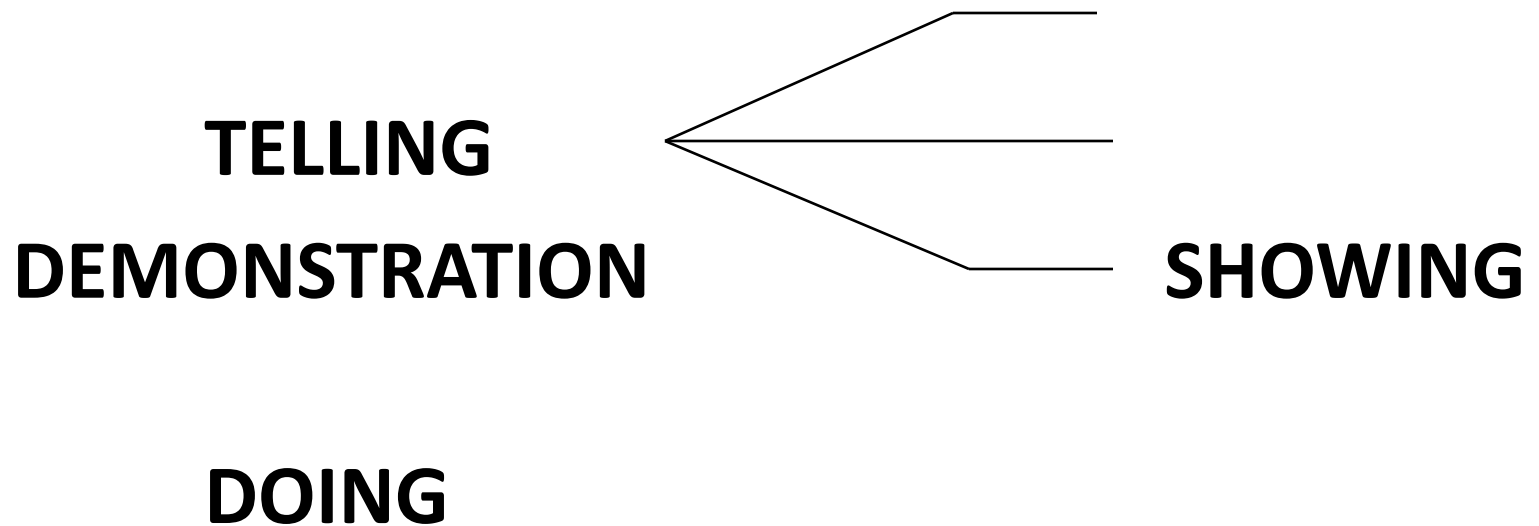
DEMONSTRATION METHOD

*Teaching & Learning
Commons*

Presentation

What is it?

- VERBAL EXPLANATION + LIVE DISPLAY
USING APPARATUS/MODELS
= DEMONSTRATION.



PURPOSE OF DEMONSTRATION

- Teaching a skill, concept or principle.
- Delicate and dangerous experiments involving careful manipulation.
- Experiments involving difficult and complex operations.
- Use of costly apparatus.

- Several experiments are to be performed in one period to establish connections between them to derive conclusions.
- Number of operations in an experiment are too many.

ADVANTAGES

- Concrete things are shown. So students don't enter into false imagination as it happens in a lecture.
- Students get confidence in the application of scientific principles as they observe them working and not simply hear about them.

- Motivates the students for further learning.
- Number of equipment is less and students are more, this is an ideal method.
- Method is aligned to the principle, 'Learning is more in seeing than in hearing; Learning is more in doing than in seeing and hearing;

(Dramatization in the important steps and procedures)

GUIDELINES FOR EFFECTIVE DEMONSTRATION

- Specify the objective of the demonstration.
- Prepare a plan for your demo listing the various steps in the proper sequence.

- Decide what information should be presented to the students **BEFORE, DURING** and **AFTER** THE Demonstration.
- Choose appropriate equipment, tools and other accessories.
- Practice or rehearse the presentation.

- Arrange the physical setting so that each student will be able to see clearly.
- Arrange the equipment to be demonstrated in order. It is convenient to keep the equipment to be used on the left hand side and the used ones on the right hand side.

- Demonstrate step by step. match explanation with manipulation. Avoid lengthy explanations.
- Use a pointer to highlight the details/specific features.
- Do not show how Not to do a particular thing.
- Provide opportunities for students' participation in the demonstration.

Thank you

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