

SUBJECT: TEACHER CENTERED INSTRUCTIONAL TECHNIQUES/METHODS(SEM 2)
Dept of Education
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I. TOPIC: DEMONSTRATION METHOD

DEMONSTRATION METHOD

The word demonstration means to give demos or to perform the particular activity or concept. In demonstration method, the teaching-learning process is carried in a systematic way. Demonstration often occurs when students have a hard time connecting theories to actual practice or when students are unable to understand applications of theories. In order to make a success of demonstration method, three things are necessary.

- (a) The object being displayed during demonstration should not be so small.
- (b) During the demonstration, the clear language should be used so that pupils may understand concept easily.
- (c) The pupils should be able to question teachers in order to remove their difficulties.

Characteristic of demonstration method

- (1) The demonstration should be done in a simple way.
- (2) In this strategy, attention is paid to all students.
- (3) Goals and objections of demonstration are very clear.
- (4) It is a well-planned strategy.
- (5) Time is given for rehearsal before the demonstration.

Steps of Demonstration method

There are six steps of demonstration process.

(1) Planning and preparation

proper planning is required for good demonstration. For this following points should be kept in mind.

- 1. lesson planning

2. collection of material related to the demonstration.

3. rehearsal of demonstration.

In order to ensure the success of demonstration, the teacher should prepare lesson minutely and very seriously.

(2) Introducing the lesson

The teacher should motivate students and prepare them mentally for the demonstration.

The teacher should introduce the lesson to students keeping in mind the following things.

- individual differences
- Environment
- Experiences

The lesson can also be started with some simple and interesting experiments. Very common event or some internal story.

The experiment should be able to hold the attention of students.

(3) Presentation of subject matter

- In demonstration presentation of subject matter is very important.
- The principle of reflecting thinking should be kept in mind.
- The teacher should teach the student in such a way that their previous knowledge can be attached to their new knowledge.

(4) Demonstration

- The performance in the demonstration table should be ideal for the student.
- The demonstration should be neat and clean.

(5) Teaching Aids

-The teacher can use various teaching aids like models, blackboard, graphs etc. during demonstration.

(6) Evaluation

-In this last step, evaluation of the whole demonstration should be done, so that it can be made more effective.

Merits of demonstration method

- (1) It helps a student in having a deeper understanding of the topic.
- (2) It helps students remain active in teaching -learning process.
- (3) It leads to permanent learning.
- (4) It accounts for the principles of reflective thinking.
- (5) It helps to create interest for topics among students.
- (6) It helps in arousing the spirit of discovery among students.
- (7) It imparts maximum learning to students.

Demerits

- (1) Students can not benefit with direct and personal experiences as teacher carry out the demonstration.
- (2) It can be costly as it requires costly materials.
- (3) It can be a time-consuming method.
- (4) It is not based on learning by doing.
- (5) This method does not provide training for the scientific method.
- (6) There is a lack of experienced teachers to carry out the demonstration.

Conclusion

It is the most suitable method for teaching the secondary classes. If a teacher feels that the demonstration is taking much time than he would have to take the help of students. Similarly, a small group of students can be invited to the demonstration table. Students can also demonstrate the experiment. This might help in removing objection regarding non-availability of learning by doing approach.

Let us revise 'Demonstration Method' (*Danielle N. Francisco BBTE ITE III-1N*)

In the demonstration method the teacher or an assigned student or group shows how a process is done while the students become observers.

The demonstrator is knowledgeable in preparing the apparatus needed according to the steps to be followed.

The rest of the class becomes focused on the activity and concentration on

the subject is assured.

Verbal Explanation + Live display/ Use of apparatus = DEMONSTRATION

GUIDELINES FOR ITS EFFECTIVE USE

The demonstrator/s must be well-selected.

The materials are easily available.

Get ready with the equipment and tools to be used.

The demonstrator must try the activity several times before the real demonstrations for a smooth sequencing of the steps as well as accuracy of the result.

The observers must be prepared and motivated.

The demonstrator must be ready with on- the-spot revision/s.

Arrange the observers around the demonstration area or at a distance where they will be able to observe fully what is going on.

Pointers or questions may be given to focus students' attention and avoid irrelevant observations.

The place must be quiet.

Extreme care must be taken in performing some delicate steps.

The activity must not be interrupted.

They are allowed to take down short notes or record some data.

Allow some questions.

An examination of the observed data and all information recorded follows.

Have an analysis of trends, patterns or uniform occurrences that can help in arriving at a conclusion.

Assess learning.

Advantages

1. The demonstration method follows a systematic procedure.
2. The use of expensive equipment and machines will be maximized.
3. Possible wastage of time, effort and resources will be avoided since the demonstration is supposed to be well- planned in advance.
4. It will not result to trial and error learning
5. The findings are reliable and accurate since the procedure has been tried before.

6. The value of confidence is developed among the demonstrators for such hands-on demonstration.

7. Curiosity and keen observing ability are instilled among the observers.

Disadvantages

1. Only the attention of the learners is invited towards the activity demonstrated. They are not free to discuss about it. So demonstration should be followed by discussion.

2. There might have a scarcity of audio-visual aids and equipments .

(Please refer to websites for concept, functions, skills and importance)
WRITE NOTES ON DEMONSTRATION METHOD

NEXT CLASS WILL BE ON

1. TEAM TEACHING

2. SUPERVISED STUDY

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