

**METHODS OF
TEACHING PRIMARY SCHOOL
SCIENCE**

LECTURE/LECTURETTE

Outline

- What is the Lecture Method?
- Advantages of Lecture Method
- Disadvantages of Lecture Method
- What is Lecturette Method?
- Guidelines for using the lecturette method
- Advantages of Lecturette Method
- Disadvantages of Lecturette Method

LECTURE METHOD

- The teacher orally presents new into the learners.
- Key points and major concepts are sequenced and examples are used to elaborate them.
- The teacher provides opportunities for questions and discussion after the presentation

Advantages of Lecture Method

- It is quite economical method. It is possible to handle a large number of students at a time and no laboratory equipment, aids, materials are required.
- Using this method the knowledge can be imparted to the students quickly and the prescribed syllabus can be covered in a short time
- It is quite attractive and easy to follow. Using this method teacher feels secure and satisfied
- It simplifies the task of the teacher as he dominates the lesson for 70-85% of the lesson time and students just listen to him

Advantages of Lecture Method

- Using this method it is quite easy to impart factual information and historical anecdotes.
- By following this method teacher can develop his own style of teaching and exposition.
- In this method teacher can easily maintain the logical sequence of the subject by planning his lectures in advance. It minimises the chances of any gaps or overlappings.
- Some good lectures delivered by the teacher may motivate, investigate, inspire a student for some creative thinking.

Disadvantages of Lecture Method

- Students participation is negligible and students become passive recipients of information.
- We are never sure if the students are concentrating and understanding the subject matter being taught to them by the teacher.
- In this method knowledge is imparted so rapidly that weak students develop a hatred for learning.
- It does not allow all the faculties of the student to develop
- There is no place of 'learning by doing' and thus teaching by this method strikes at the very root of science

Disadvantages of Lecture Method

- It does not take into account the previous knowledge of the student.
- It does not provide for corrective feed back and remedial help to slow learners.
- It does not cater for the individual needs and differences of students.
- It does not help to inculcate scientific attitudes and training in scientific method among students

Disadvantages of Lecture Method

- It is an undemocratic and authoritarian method in which students depend only as the authority of the teacher. They cannot challenge or question the verdict of the teacher. This checks the development of power of critical thinking and proper reasoning in the student
- Learners participation is minimal
- Long lectures can create boredom

LECTURETTE

- This method, the teacher transmits information to learners orally/verbally but allows learners to ask questions, make suggestions/ comments in the course of the lesson.
- It is a modification of other lectures since the teacher occasionally breaks his talking to ask questions or calls pupils to perform something.
- The teacher occasionally breaks to ask questions and invite opinions of learners

Guidelines for using the lecturette method

- Look for information and make outline of the main points.
- Select relevant teaching learning materials which should be used.
- Present the main points in logical manner
- Maintain good eye contact
- Check mannerism
- Vary your voice and facial expression
- Pause at suitable points and ask questions to make the learners look back and review what they have learnt.
- Repeat or reinforce the key words.

Guidelines for using the Lecturette Method

- Check the behavior of the students to find out whether they are interested in the topic.
- Express content in different ways.
- Introducing a new topic when the topic is abstract.
- When summarizing the important point after a unit of study
- When class is very large.
- When attempting to cover a lot of materials in a short time.
- When summarizing the important points after a unit of study.

Advantages of the Lecturette Method

- More facts are given within a limited or short time
- It is good for a large class
- It helps students to practice note taking
- It can be used to present information or content items which are not easily accessible to students. E.g. abstract topics.
- Easy to use when a resource person is involved.

Disadvantages of the Lecturette Method

- It is not suitable for lower primary
- It hinders creativity in students since there is no or little students participation in the process of teaching and learning.
- It gives no opportunity to students to practice oral participation.
- Young learners with language problems cannot make useful note
- Lesson can be boring if too long.
- Affective or psychomotor learning hardly occurs.
- The teacher may receive little or no feedback from the students.