

COURSE III : LEARNING AND TEACHING

CLASS: B.ED. 1ST YEAR

TOPIC:- EVALUATION IN EDUCATION

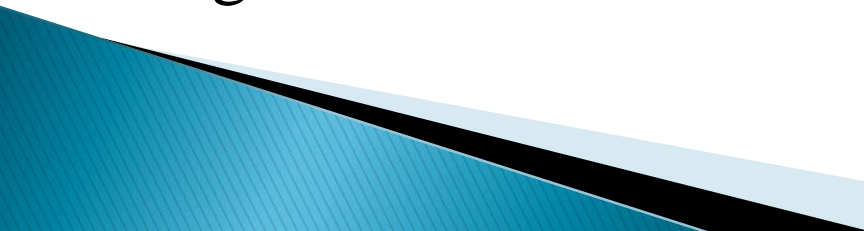
UNIT IV

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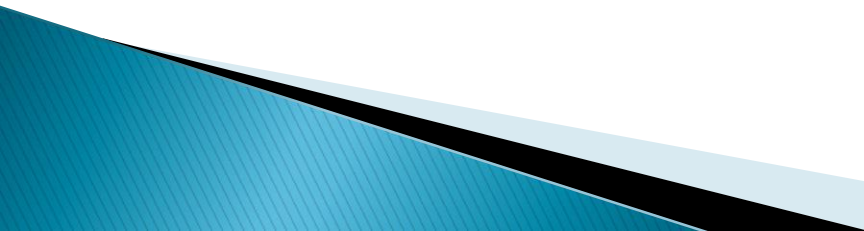
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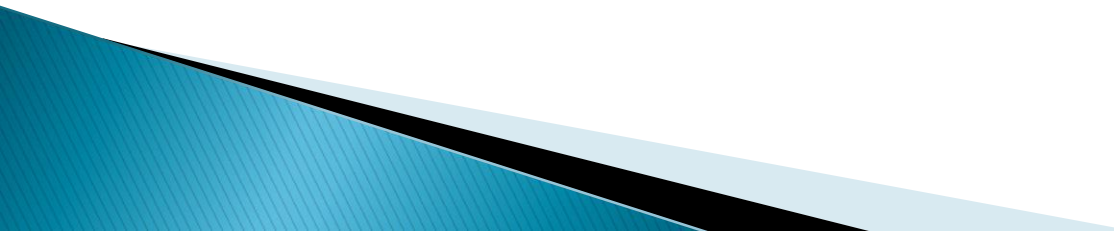
MEASUREMENT

- ▶ Quantifying one's achievement, personality, attitudes, skills and habits
 - ▶ Quantifying appraisal of observable phenomenon
 - ▶ Assigning symbols to the dimensions
 - ▶ Process of differentiating the attributes or characteristics of things
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EVALUATION

- ▶ Qualitative assessment of the achievement
 - ▶ It is wider concept than testing & measurement
 - ▶ Evaluation= quantitative estimation + qualitative judgement
 - ▶ Giving ranks to the attributes and traits
 - ▶ Differentiating the quantitative and qualitative aspects of the learning
 - ▶ Value judgment instead of symbols or numbers
 - ▶ Determining the extent of to which educational objectives have been achieved
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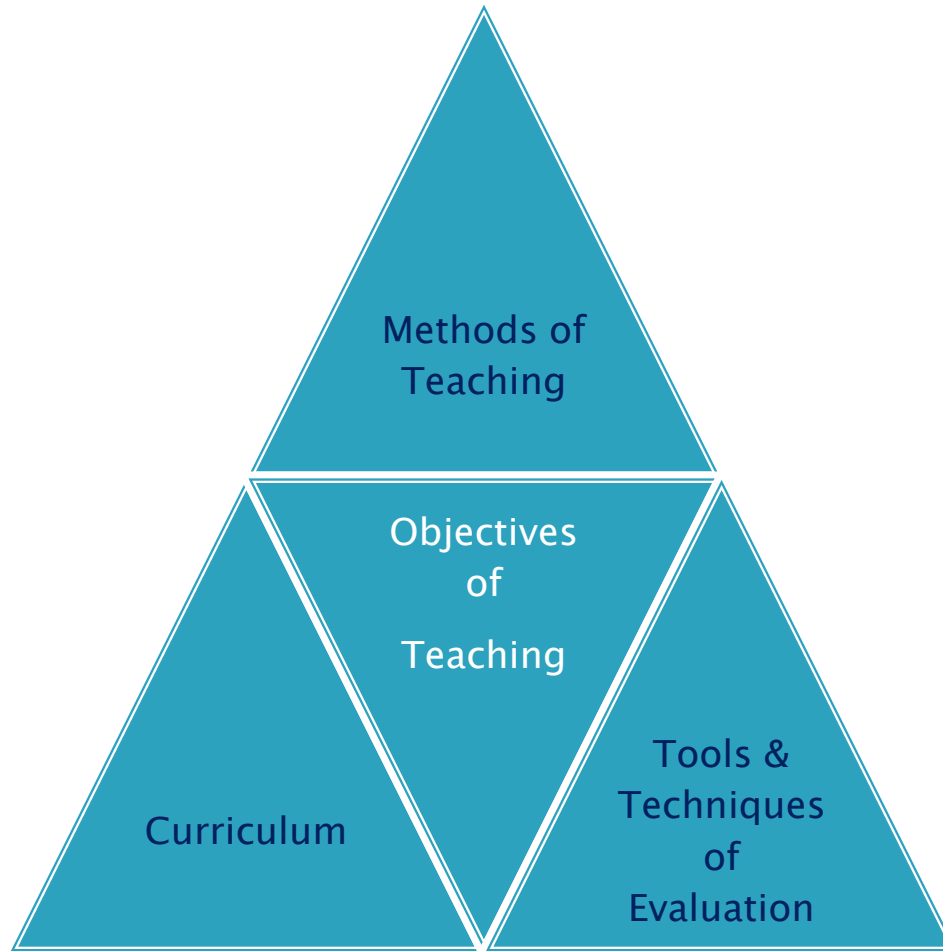
DEFINITION

- ▶ Dandeker, “ Evaluation may be defined as a systematic process of determining the extent to which educational objectives are achieved by pupils”
 - ▶ Quillen & Hanna, “ Evaluation is the process of gathering & interpreting evidence on changes in the behaviour of the students as their progress through school”
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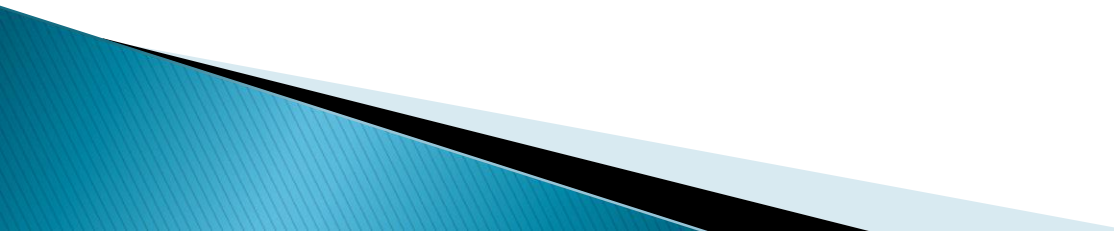
EVALUATION IN EDUCATION

- ▶ It helps in modifying the objectives of the education
 - ▶ It helps in judging the effectiveness of teaching methods, strategies and techniques
 - ▶ It also plays an important role in testing the all-around development of the students
 - ▶ Helpful in improving the evaluation techniques, tools and methods
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EVALUATION IN EDUCATION



TYPES OF EVALUATION

- ▶ Formative Evaluation
 - ▶ Summative Evaluation
 - ▶ Diagnostic Evaluation
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FORMATIVE EVALUATION

- ▶ Carried out at regular intervals of course work
- ▶ It gives regular feedback
- ▶ It is decision making process for students development
- ▶ Regular monitoring of teaching methods and effectiveness of the teaching-learning process
- ▶ It helps in generating new ideas to make desirable changes in curriculum, teaching strategies & learning Environment

SUMMATIVE EVALUATION

- ▶ Final (Terminal) Examinations
- ▶ Used to promote the students to the next level
- ▶ Judgment-making process
- ▶ No scope for feedback, only final verdict is given
- ▶ Helps in classification of the students on the bases of achievement
- ▶ Helps in administrative process
- ▶ It is basically the recording of results for future perspectives

DIAGNOSTIC EVALUATION

- ▶ It is the evaluation done to find out the weaknesses in an individual
 - ▶ Used to find out the remedial measure to sort out the problems of the students
 - ▶ Its carried out before starting or during the teaching-learning process
 - ▶ It helps in designing the course & curricula according to the capabilities of the learners
 - ▶ It helps teacher to design the methods and techniques of teaching accordingly
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DIFFERENCE BETWEEN FORMATIVE AND SUMMATIVE EVALUATION

| Indicators | Formative | Summative |
|-----------------|---|---|
| Goals | To improve the teaching learning process | Only outcomes are given |
| Purpose | To enhance learning | Giving judgments about students performance |
| When conducted | During instruction | After completion of a course work |
| Frequency | On a continues bases | At a particular time to determine the extent of achievement of the students |
| Role | Helps teacher to improve their instructions and methods | To predict the students' performance and giving grades |
| Typical Methods | Observation, Formative tests | Checklist, rating scale, summative test |
| Reporting | Periodic, often informal | Cumulative record |

DIFFERENCE BETWEEN FORMATIVE AND SUMMATIVE EVALUATION

| Indicators | Formative | Summative |
|------------------|--|---|
| Role of Students | Active Involvement | Passive Involvement |
| Examples | Observations, Interviews, evidences from work samples | Tests and Examinations |
| Design | Designed to adjust teaching and learning while they are occurring | Designed to give information that how much leaning has occurred |
| Means of testing | Visual and aural testing, interviews, observations, conversations, projects, practical and assignments | Pen–paper test mostly |
| Grading | Scored but not graded | Grading is given |

THANK YOU

