

# Objectives of Teaching Life Science



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silent mode  
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this session*

**Thank you**

# Logical Method of Teaching

1. Inductive Method
2. Deductive Method



# 1. Inductive Method - Plato

Particular idea → General idea

- Logical approaches
  1. Recognition of Problems
  2. Analysis of Problem
  3. Collection of Facts
  4. Analysis of Facts
  5. Formulation of Hypothesis



# Inductive Method

## Example

Subject: **Stem**

1. Recognition of Problems
2. Analysis of Problem
3. Collection of Facts
4. Analysis of Facts
5. Formulation of Hypothesis



# Inductive Method

- **Advantages**

1. Help to Mental Development of Child
2. Scope of application of Knowledge, Thinking and Analysis of Problem
3. Activity increases due to involvement
4. Concretized the clear-cut idea
5. Increase the retention time of memory
6. Helps in the higher education

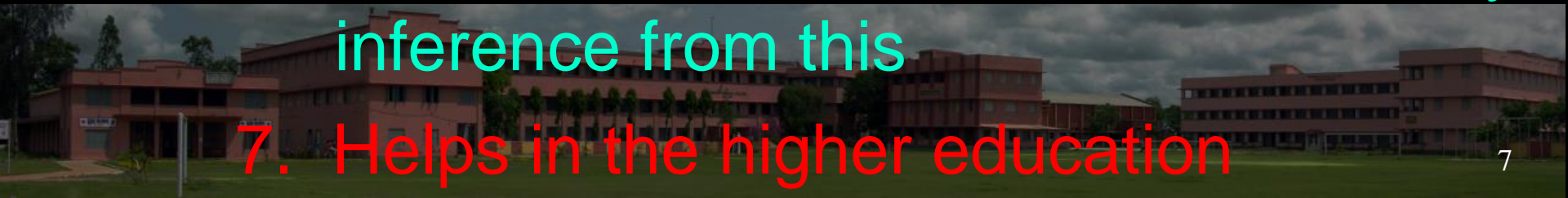


# Inductive Method

- **Disadvantages**

1. Time taking process
2. Laborious to teacher
3. Both T&S requires higher intelligences
4. Impossible to complete knowledge
5. Incomplete observation and analysis for Immature students
6. Possibilities of mistakes in case of any inference from this

7. Helps in the higher education



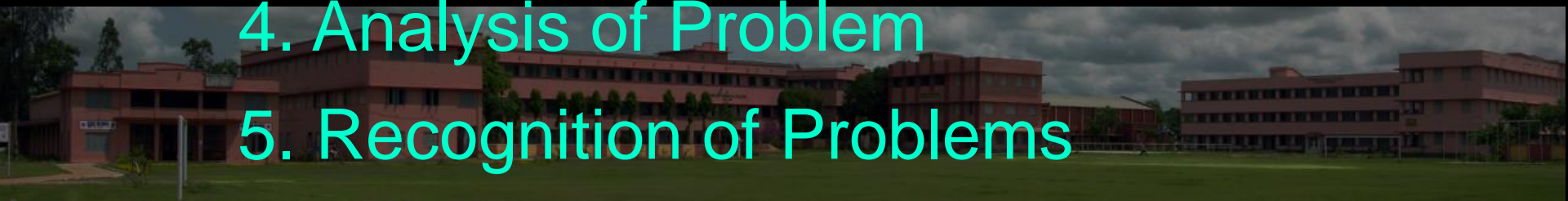


# 2. Deductive Method

## - Aristotle

**General idea → Particular idea**

- Logical approaches
  1. Hypothesis given as an example
  2. Analysis of Facts
  3. Collection of Facts
  4. Analysis of Problem
  5. Recognition of Problems





# Deductive Method

## Example

Subject: **Stem**

1. Recognition of Problems
2. Analysis of Problem
3. Collection of Facts
4. Analysis of Facts
5. Formulation of Hypothesis



# Deductive Method

- Advantages

1. Less time taking process
2. Less laborious to teacher
3. Most easy process to 'teach'
4. Concretized the quite clear idea
5. Increase the retention time
6. Helps in the higher education



# Deductive Method

- **Disadvantages**

1. There is a scope of verification of validity, reliability and its application
2. Scientific laws become very clear
3. Due to non application of mind it is less interesting to students

