

LESSON PLAN

DATE-
SUBJECT: SCIENCE
LESSON: HOW DO ORGANISMS REPRODUCE

CLASS- 10th
PERIOD- VII
DURATION-35 MIN.

GENERAL OBJECTIVES:-

- To develop scientific attitude.
- To develop the practical approach.
- To understand the concept of reproduction.
- To acquire knowledge of different modes of reproduction.
- To find significance of reproduction.

TARGETED LEARNING OUTCOMES;

1. COGNITIVE DOMAIN:

A. Knowledge { Level – 3 }

- a. Name the fundamental process of life.
- b. Define Reproduction.

B. Understanding { Level – 2 }

- a. Name the different modes of reproduction.
- b. Differentiate between sexual and asexual reproduction.

C. Application: { Level – 1 }

Explain the significance of reproduction.

2. AFFECTIVE DOMAIN: Students will feel the importance of reproduction as a fundamental life process.

3. PSYCHOMOTOR DOMAIN: Students will be able to classify organisms on the basis of their mode of reproduction.

➤ TEACHING AID USED : ICT {PowerPoint Presentation} , Blackboard

➤ ASSUMED PREVIOUS KNOWLEDGE:-Students have the knowledge of term birth and death.

➤ PREVIOUS KNOWLEDGE TESTING:-

Ques-1. What is the average age of human beings?

Ques-2. Who give us birth?

Ques-3. What is the biological process named for this ?

Introduction of lesson: Teacher will introduce the lesson to the students.

<u>Teaching Point</u>	<u>Teaching – Learning process</u>
<i>REPRODUCTION</i>	Discussion on the term reproduction. It is the process by which living organisms produce new individuals of the same species. -Use of presentation and blackboard.
<i>SIGNIFICANCE OF REPRODUCTION</i>	Discussion on the significance of reproduction - Necessary for survival - Increase in the population of a species - If species do not reproduce, it will become extinct eventually -Use of blackboard and presentation.
<i>MODES OF REPRODUCTION</i>	Discussion on different types of reproduction. -Asexual reproduction -Sexual reproduction -Use of blackboard and presentation Teacher will ask students to come to blackboard and write differences between them one by one.
<i>ASEXUAL REPRODUCTION</i>	• Single parent is involved. • No formation of gametes. • Variation are less.
<i>SEXUAL REPRODUCTION</i>	• Two parents are involved • Formation of gametes • Variations are more.

- Recapitulation: Recapitulate all the main points for effective learning.
- Summarization: Repeat all the main points to summarize the concept and linked it with previous knowledge of students.
- Worksheet: Ask the students to complete the worksheet.
- Interdisciplinary approach: Teacher will use the knowledge of other subjects to explain the topic.
- Real life skill: Students learn the basic life skill – all living things reproduce to sustain their existence.
- Self assessment: Students can ask questions and make queries on the concept they do not understand. Such can be relooked and learnt with the teachers help.
- Evaluation : Teacher will ask following questions for evaluation
 - a. What is a reproduction?
 - b. What is the significance of reproduction?
 - c. What are the different modes of reproduction.
 - d. What is the difference between asexual and sexual reproduction?
- Home assignment : Completion of worksheet

PRINCIPAL SIGNATURE

TEACHER SIGNATURE

VICE PRINCIPAL SIGNATURE

REMARKS.

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