

LESSON PLAN (CONSOLIDATED)

SUBJECT: Science

GRADE: X

Chapter Number and Title of Chapter	8, How do organism reproduce?
No. of Periods	Total:06 periods (approx. 40 min each)
Learning Objectives	Given the content (chapter) the learners will be able to 1. Define reproduction 2. Types of reproduction 3. Vegetative reproduction 4. Reproduction in human beings 5. Contrceptive methods.
Teaching Aids / Resources	Videos (Teaching and Explanation) PPT Concept Map
Previous Knowledge/ Curiosity Questions	1. What are living beings. 2. What are the characters of living beings. 3. How the continuity of life maintained on the earth.
Announcement of topic	Reproduction in organisms.
Teaching Methodology/ Strategy	Transaction would proceed in the following manner- Suggestive Methodologies: Brain Storming / The class will start with discussion about living and non living organisms and how their continuity is maintained on the earth.How the plants reproduce and how the reproduction is different in animals. Active learning- The explanation about the reproduction is done with PPT Group learning- The group learning will be done on topics like reproduction in plants, in animals and particularly in human beings. It will also be done on various contraceptive methods in animals Questioning- It will be done on the various topics discussed in group learning. Guided practice followed by Independent Practice- NCERT questions to be discussed in the classroom.
Content Obligatory Vocabulary (Keywords)	Sexual reproduction, asexual reproduction, germ cells, double fertilization, triple fusion, menstrual cycle, contraceptive methods.

Learning Concepts/ Teaching Points	1. Introduction about reproduction 2. Reproduction in plants. 3. Reproduction in human beings. 4. Contraceptive methods.
Hard Spots/ Focus Spots	1. Double fertilization 2. Triple fusion.
Experiential Content	Students will visit the garden and take the flower to study different reproductive parts.
Subject Enrichment Activities for Internal Assessment	Grow the plants by vegetative reproduction in your home and send the the photos representing the various phases of growth to the teacher.
Recapitulation :	Teacher will summarise the following 1. Reproduction in plant and animals. 2. Contraceptive methods.

Assignment:	1. Difference between sexual and asexual reproduction. 2. Explain the process of double fertilization and triple fusion in plants. 3. Explain male reproductive system. 4. Explain female reproductive system. 5. Discuss various contraceptive methods used by human beings.
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