

Chapter 3

Reproduction in Animals

LESSON PLAN

SPECIFIC OBJECTIVES

The students will learn about

- ❖ events involved in sexual reproduction
- ❖ viviparous and oviparous animals
- ❖ human reproductive system

Teaching Aids

Pictures/charts/models/animation on binary and multiple fission in *Amoeba*, budding in *Hydra*; human gametes, process of fertilisation; male and female reproductive systems, passage of developing embryo through the oviduct, development of embryo within uterus

Teaching Strategy

- ❖ Teacher will start the chapter by defining reproduction.
- ❖ Teacher will explain various forms of asexual reproduction found in animals.
- ❖ Now, teacher will discuss the sexual reproduction in animals by explaining important events involved in it.
- ❖ Teacher will define viviparous and oviparous animals giving some examples.
- ❖ With the help of suitable teaching aids, teacher will discuss human reproductive system by explaining male and female reproductive systems.
- ❖ Now, teacher will discuss fertilisation, development and implantation of embryo and parturition in human beings.
- ❖ Then, teacher will ask students to solve 'Check Point'.
- ❖ At last, teacher will sum up the lesson by going through the points given under the head 'Wrapping It Up'.
- ❖ Teacher will finally help students to answer the questions given under the head 'Test Yourself'.

Boost Up

- ❖ Teacher can make students revise new terms given under the head 'Know These Terms'.
- ❖ Teacher can encourage students to learn the facts given under the head 'Something More'.
- ❖ Teacher can show animations related to the topics taught, if possible.
- ❖ Teacher may act as counsellor and help to resolve the problems of students.
- ❖ Teacher should also discuss the reproductive health and hygiene with students.

Expected Learning Outcomes

The students understand and know:

- ❖ various forms of asexual reproduction in animals
- ❖ sexual reproduction in human beings
- ❖ male and female reproductive systems of human beings
- ❖ fertilisation, development and implantation of embryo in human beings

Evaluative Questions

The teacher should ask the following questions to evaluate the students:

1. What is the difference between binary fission and multiple fission?
2. What are male and female reproductive organs in human beings?
3. What is implantation?
4. What is foetus?
5. Name the male and female sex hormones in human beings.
6. What is parturition?