

EXPERIENTIAL LEARNING ACTIVITY

SUBJECT: SCIENCE

GRADE: X

CHAPTER	HOW DO THE ORGANISMS REPRODUCE ?
TOPIC/CONCEPT	Reproductive organ in Angiospermic Plants
NAME OF THE ACTIVITY	To study male and female reproductive parts of the flower.
TYPE OF ACTIVITY	Group Activity
LEARNING OUTCOME	After completing this activity students will be able to 1. Know about the vegetative and reproductive parts of the plants. 2. Know about the male reproductive part androecium and female reproductive part gynoecium.
PROCEDURE/ METHODOLOGY	1. The students will be shown the reproductive part of the plant I.e. flower and other vegetative parts the plant. 2. The students will be introduced about the male reproductive part androecium and female reproductive part gynoecium. 3. The androecium will be made up of two parts a) Anther b) Filament 4. The gynoecium will be made up of three parts a) stigma b) style c) ovary.
QUESTIONS	1. Which part is reproductive part of plant? 2. Name the male and female reproductive parts of the flower. 3. Name the organs where microsprogenesis and megasprogenesis takes place.
SOLUTIONS/ HINTS	1. Flower 2. Androecium and gynoecium. 3. In anther, inside the ovules.