

EXPERIENTIAL LEARNING

CLASS: VII

SUBJECT: SCIENCE

CHAPTER: 12 – REPRODUCTION IN PLANTS

SUB – TOPIC: SEXUAL REPRODUCTION

NAME OF THE ACTIVITY: DISSECTION OF HIBISCUS

MATERIALS REQUIRED: Hibiscus flower, cutter, black chart paper, white paper, colour sketch pens.

METHODOLGY OF ACTIVITY:

- Students are asked to bring the materials required as mentioned above.
- Teacher demonstrates the dissection of Hibiscus flower to students and will ask the students to display the parts on a black chart paper and label them using white paper.
- With a cutter students are asked to cut the calyx (sepals) open and display it on the black chart paper.
- Then petals are removed and displayed.
- Students are asked to remove stamen from it.
- Pistil with ovary which is left, is displayed and all the parts are labelled using white paper and colour sketch pens.

1. Which part of the flower produces male gamete?
2. Name the part of the flower which produces eggs.
3. Is Hibiscus a unisexual or bisexual flower? Give reasons for your answer.

CURIOSITY QUESTIONS:

Will absence of insects affect plants? How?

ANSWER GUIDE:

- Why do insects buzz around plants?
- Do the insects play a role in propagation of plants? How?