

CLASS: VIII

SUBJECT: SCIENCE

CHAPTER: 9. REPRODUCTION IN ANIMALS

SUBTOPIC: ASEXUAL REPRODUCTION – BUDDING

EXPERIENTIAL LEARNING

ACTIVITY:

Aim: To enable the students to understand the type of asexual reproduction.

Materials Required: Beaker, sugar, water, yeast, microscope, slide.

Procedure:

- Students will be divided into four groups.
- Each group will be instructed to prepare a solution which consists of water, sugar and yeast.
- After 4–5 hours, a drop of the solution will be taken in a glass slide and they will be allowed to observe the yeast under a microscope.
- The observation will be recorded by them.
- The next day, they are allowed to observe the yeast growth under a microscope by placing a drop from the fermented solution.

CURIOSITY QUESTION:

Can you imagine what will happen to this world if all living beings fail to reproduce?

ANSWER GUIDE:

- How does yeast reproduce, sexually or asexually?
- What did you observe now? Is it the same what you observed yesterday?
- Are you able to find any bulges or an additional chain/bud like out growth from the yeast/parent body?
- Name the type of reproduction performed by this organism.