

Project:  
**Asexual Reproduction**

(1-03)  
(1-04)

Goal: To RESEARCH how certain organisms reproduce asexually  
To share the information in a way that my peers can easily understand.

Background: Once we know how an organism reproduces, it is useful to CLASSIFY its reproduction as **Plants** **Animals**

- |                 |               |
|-----------------|---------------|
| *cuttings       | *fission      |
| *runners        | *budding      |
| *bulbs/tubers   | *sporulation  |
| *grafting       | *regeneration |
| *tissue culture |               |

Directions:

1. Choose a bacteria/protist/fungi/animal/plant to research. Get your choice approved or choose from the list below.

- |                                     |             |            |
|-------------------------------------|-------------|------------|
| flatworms (planaria)                | sea star    | some fungi |
| bread mould (Rhizopus)              | penicillin  | yeast      |
| hydra                               | sea sponges |            |
| amoeba                              | bacteria    |            |
| begonia/African violet/ Sansevieria |             |            |
| strawberry/rosebush/raspberry       |             |            |
| crocus/tulip/potato/dandelion       |             |            |
| apple-pears, seedless grapes        |             |            |
| orchids, fast-growing pine trees    |             |            |

*You can also choose sexual reproduction in plants - see me*

2. Use the information organizer to organize your research. The rubric is attached so pay particular attention to it! Your final presentation must include a diagram/video of how your living thing reproduces (overhead, poster, powerpointetc.) and it must be prepared in a way that it enhances our understanding of your topic.

3. Your information will be shared with others on \_\_\_\_\_. It must be ready to go as your peers will be moving from project to project collecting at least ONE example of each type of ASEXUAL reproduction.

4. On the date of \_\_\_\_\_, fill in the chart attached so that you have at least one example of EACH type of asexual reproduction.

Where to start? Try your textbook p.29-35



**Part II Classification of how the organism reproduces**

Classification: \_\_\_\_\_

0 1

Explanation of why you would classify it this way \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ 0 1 2 3

**Part III Advantages + Disadvantages (1 07)**

11

What are the advantages and disadvantages of reproducing this way? Advantages \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ 0 1 2 3 4

Disadvantages

---

---

---

---

---

---

0 1 2 3 4

**Part III: Interesting/Freaky Facts/Information** (3 marks)

---

---

---

---

---

---

0 1 2 3