SBI3U

**Plant Reproduction Project**

In pairs, you will choose from a list of plants and research the following points about the plant you chose.

* Reproduction process
  + Find a picture of the flower of the plant you chose. Label the different flower parts that we learned in class (filament, anther, stigma, style, ovary, etc.)
  + Full description of how reproduction occurs within the plant.
* Seed dispersal modes
  + What kind of seed is formed from the plant? (Monocot or dicot?)
  + How does the seed look like? (picture / drawing)
  + How does the seed dispersal happen with the plant?
  + How does this seed dispersal mode help increase its population?

**Format:**

You can choose your method of delivery of the information. Some suggestions include: Powerpoint, voice-over, music video, in-class presentation, chart-paper description, poster, etc, but must be approved by the teacher beforehand.

The content has to be presented to the class on Mar. 10th / 2013.

Presentations should be between 10 - 15 minutes.

**List of Plants:**

|  |  |  |
| --- | --- | --- |
| Corns | Lima beans | Apples |
| Strawberries | Tomatoes | Calvaria |
| Orchid | Poppy | Dandelions |
| Milkweed | Maple sycamore | Elm |
| Water lilies | Coconuts | Wild cucumber |
| Thick squash | Jack-in-the-pulpit fruit | Kiwi |
| Staghorn sumac fruit | Burdock flower | White baneberry |
| Cactus | Ash |  |

See the Evaluation Checklist on the following page for method of evaluation for the assignment.

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**Plant Reproduction Project Evaluation**

Names:

Picture of the flower of the plant labelled fully…………………………..0 1 2 3 4 5

Description of the reproduction of the plant…………………………..0 1 2 3 4 5

Description of the seed of the plant…………………………..0 1 2 3

Picture of the seed of the plant…………………………..0 1 2

Description of the seed dispersal of the plant…………………………..0 1 2 3 4 5

Explanation of how the seed dispersal helps population of the plant…………………………..0 1 2 3

**Total: /23**

**Comments:**