



## Biodiversity and Change - Casa Grande High School, 10th Grade Small Learning Community

### Watershed Classroom

#### Fieldwork Activities

**1)** Students will go to Shollenberger park to make sketches, take photos, and gather natural history information on the flora and fauna of the Petaluma Wetlands. They will record their data in their scientific notebooks.

Students will integrate information from diverse sources, both primary and secondary, into a coherent understanding of how plants can improve their own health. They will find the most up-to-date scientific findings to understand the practical and reliable information about these plants and the natural remedies made from them.

Safety is a primary concern. Students need to make sure that they have identified the species correctly. Certain plants, even those closely related to medicinal species, can be poisonous or deadly.

Modern medicine is effective in the treatment of serious diseases, but plant-based remedies allows students to manage everyday ailments and keep them healthy.

**2)** Students will return to Shollenberger to and use their research to see the interactions, interconnections and implications of the medicinal plants that they have located on their first visit. More data will be collected to use in preparing their field guides and survival kits.

**3)** Students will serve as docents at Shollenberger park with local elementary school. They will use their “Survival Kit:” as a resource during their visits to the watershed.