Capstone ideas for Calaveras Big Trees State Park

You can choose to work on any of these ideas alone or as a group of two or three.

Several of these will need some clarification and/guidance by CBTSP staff or volunteers. Make sure you have the time to consult with them before you write up your project outline.

* Create a display for the raven nest that was donated to the park
* Create information sheets about specific animals at Big Trees:  yellowjackets, ladybugs, etc.
* Create a self-guided Meadow walk about Meadow plants, flowers, and special habitat, etc.
* Create rolling cart activities
* Create a self-guided story about a journey through the forest, or North Grove trail, through the eyes of a child or historical person
* Create a series of art sketches that would be used as rubbings to create a take home souvenir that tells the story about Big Trees and the plants and animals.
* GPS Giant  Sequoias in the North and South Grove and provide the information to resources to upload into a mapping program
* Create a self-guided walk about the different woodpeckers at Big Trees. Where they live, what is their niche, how do they feed, how do they raise their young?
* Conduct bird or other animal or plant surveys
* Create educational geocaches to add to our one current cache.
* Initiate and support a site on INaturalist for the park
* Create new tours for our visitors – bird walks, geology walks, meadow walks, etc.
* Create and design a teen Jr. Naturalist program at the park to include lesson plans, activities, hike locations with maps and special areas of interest. Single day or after school type programs. Science Based to meet curriculum standards. Create a budget plan and staffing plan.
* Interpret the many years of weather data that have been collected at the park.
* Write newspaper, magazine, newsletter articles or blog postings for DPR or CBTA websites. Submit for review prior to posting or publications.
* Create a child age 7-12 scavenger hunt along the North Grove trail using their phone camera to capture the item. Create a booklet with word search or cross word puzzle games to find the next clue or location.  Each clue needs to be educational and fun-Can you find the secrets to this forest? Secret clues at each location or in a booklet
* Create an application that can be downloaded from a computer to provide a guided walk in the Meadow or North Grove.
* Create a self-guided app on fire in the North grove. Signs of past events. Why is fire beneficial? What type of fires are there and how do they differ in intensity?
* Create a living history program:  What did an 1850 - 1950 campsite look like?  How were the meals prepared?  How did the people living in these mountains make a living?  How did they catch fish?  What plants would they collect and for what purpose?  How would they build a shelter/cabin/home and what materials would they use?  What tools were available?
* What was a CCC worker's day like?  How did they build Jack Knight Hall? Create a display for Jack Knight Hall.