



## Interdisciplinary Project Ideas

Design and prepare one of the following projects:

- Provisioning (providing supplies) for a 4-day 3-night camping and fishing trip to a local Lake. Include supplies needed, costs, number of people on the trip etc.
- Plan a 3 – 4 day hiking and camping trip to Yellowstone National Park. Include itinerary, costs, wildlife you hope to see, hiking distances, etc.
- Plan a trip to 3 destinations anywhere in the world. Include travel methods and schedule, costs, sights of interest, culture, geography, climate, etc.
- Explore and graph mathematical patterns occurring in nature. Include climate, animal species, types of vegetation, snowfall, hours of daylight, etc.
- Collect, display, & analyze data such as weather patterns, sport statistics, population of cities, etc. Use any data in which you are interested!
- Your own original ideas

**End Product:** Create a presentation board, a power-point, a video, a creative story, or any other method of demonstrating what you have learned

**The objectives of this activities are to learn:**

1. There are many factors involved in planning such as critical thinking, prior knowledge, materials and resources available, desired outcomes, etc.
2. Math is powerful and should relate to the lives of your young learners
3. Creativity is a vital element of connecting the lives of young learners to real world math and to facilitate deep understanding

**Potential Resources**

<https://www.nps.gov/index.htm>

google.com/maps

google earth

cia world factbook

<http://www.nhl.com/stats/>

or just google any of the topics!