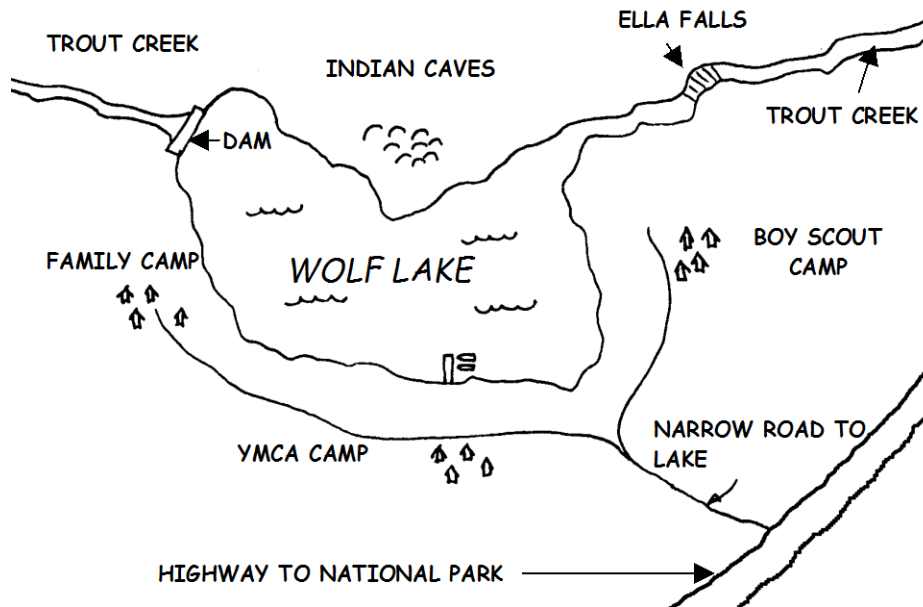


WOLF LAKE SIMULATION

Wolf Lake is for sale!! It has been in the Warden family for over five generations, but they can no longer afford to pay taxes on the land. Therefore, they have decided to put the lake and the land surrounding it, up for sale. It is a beautiful, clear, lake created in the 1800's to provide a water source for a flume that carried logs down to the valley floor. The total area involved in the sale, including the lake, is over 500 acres. The surrounding mountains are covered with a healthy forest of pines and cedars along with many deer and other native animals. Your group decides the lake would be the perfect place to purchase.

The map below shows what the lake presently looks like.



You have two days to complete the following:

1. Form teams of 4-5 students.
2. Choose an interest group by doing "Biology Lotto". This is the role your team will assume for the project.
3. Read the philosophy statement and focus of your "assigned" interest group. Your team should determine what your group would really want to do with the land. So, in effect, some of you might be "good guys" and others, the "bad guys" (at least in terms of the ecology of the area).

The interest groups are as follows:

- (a-1) **YMCA Camping Association**- "Let everyone experience the mountains."
- (b-2) **National Park Service**- "No new development, preservation".
- (c-3) **United States Forest Service**- "Land of many uses, something for everyone."
- (d-4) **Nature Conservancy**- "Return lands to original state, before modern humans had any effects."
- (e-5) **Timberland Logging Company**- "Lumber, forest products for the future, \$\$\$."
- (f-6) **Great Western Resorts**- "Hotels, condos, ski resorts, etc, \$\$\$."
- (g-7) **Clovis Unified School District**- "Outdoor education for the youth of tomorrow."
- (h-8) **Acme Development Company**- "Whatever will bring in the big bucks \$\$\$!!!"
- (i-9) **Sparkling Gem Mining Company**- "If its underground, we can get it out!!!"

4. Make a plan for the lake.

- a) What does your group want to do with the lake and surrounding area? Be specific and justify your reasons!!
- b) What will it cost to do what you want to do to the area? How did you determine this amount?
- c) What is your bid to the Warden family? How did you determine this amount?
- d) How will you arrange financing? How will you pay for general operating costs?
- e) Who/how will individuals (your company/organization and community members, sports enthusiasts, etc.) benefit from your plans?
- f) How will your company/organization make a profit/break even? Clarify w/ **gross** vs. **net**.
- g. How will your plans impact the lake and the surrounding mountains and Trout Creek area? (Environmental Impact Report??)
- h. Why is your project for the lake better than anyone else's bidding for the land?

Include as many details about your project as you can based upon the preceding questions, keeping in mind that the Warden family will sell the land to the most convincing group of competitors.

5. Make a map of your project on a poster board, large enough so that everyone can see it when you present it to the class on Wednesday/Thursday. Use colored pencils or markers to show as many details as possible. You will find poster paper and rulers on the front counter. You will get a grade for your map so do a nice job!

6. Write a 1-2 page presentation of your project, including your plans for the area and why your project is best. Be persuasive!

This paper will be used for your class presentation and then turned in on the day you present for a grade.

THE PAPER IS A SUMMARY OF YOUR GROUPS RESPONSES TO THE ABOVE QUESTIONS A-H.

****Bonus points will be offered for papers done outstandingly.**

7. On Wednesday/Thursday, each team will present their plan for the lake to the class. **EACH OF THE QUESTIONS IN SECTION #4 MUST BE ANSWERED DURING YOUR SALES PITCH. ALL GROUP MEMBERS MUST PLAY A ROLE IN THE GROUP'S PRESENTATION.** Turn on the charm, use your most persuasive techniques, and sell your plan to the class. Everyone should take a few notes on each presentation so that when it comes down to the class vote, you will remember what each group wanted to do with the lake. Each 3-5 minute presentation will be followed by a few minute question/answer period from the rest of the class. Your teacher will grade you on your oral presentation and your map. Your map will be collected on Wednesday/Thursday, along with your written paper and class notes, by the teacher so that I can inspect the results and give grades also.

HAVE FUN AND LET YOUR CREATIVE JUICES FLOW FROM YOUR COMBINED BRAINS!!!