



Melissa Whitney
Environmental/Physical Sciences
Dubuque Senior High School
Dubuque County Conservation

Part I: Overview of Business

- The Dubuque County Conservation Board (DCCB) was established in 1957 and manages over 15 parks and recreation areas throughout Dubuque County. The DCCB oversees campgrounds, nature centers, trails, shelters, boat slips, playgrounds and many more. The DCCB also hosts many educational programs, ranging from children to adults, to help people learn about conserving natural resources.

Part II: Job Specifics

- The DCCB manages many parks and other recreation areas around Dubuque County and they recently received a donation of 137 acres of land from the John Deere Dubuque Works.
- The county is planning to create a year round outdoor recreation site which will include pavilions, restrooms, walking trails, a mountain bike trail, and more.

Part III: Introduce the Problem

- You are a member of the Dubuque County Conservation Board and a 50 acre plot of land has been donated to the Dubuque County Conservation Board to create a recreation/conservation area. Your team is in charge of coming up with a plan for what should be put on the land and present your plan to the Board.
- What things need to be considered when deciding what to put on the land?

Part IV: Background

- Students will be asked to come up with a plan for how to use the donated land. They will put their plan into a presentation which they would (hopefully) present to a member of the DCCB.
 - Things to consider: building cost, upkeep cost, potential revenue from the land, ecology, conservation strategies.
- Students should research what is already in Dubuque County and what types of places would be suitable for the donated land. Students can see all of the Dubuque County Parks on the following website: <https://www.mycountyparks.com/County/Dubuque.aspx>

Part V: Business Solution

- The DCCB is creating a year-round outdoor recreation site that will include a pavilion, restrooms, walking trails, frisbee golf course, views of the Mississippi, mountain bike trail, and more. This project will take 3 years to develop completely and cost roughly \$350,000. The board hopes to have some of the park ready for the public by the end of the summer.

Part VI: Student Solutions

- Plant a native prairie
 - Campground/Park/playground
 - walking/hiking trails
 - Mountain biking trail
 - Golf course
 - Fishing area/Pond
 - Combination?
 - I'm sure students will also try to do other things with the land (mcdonalds, movie theater, walmart) but I would encourage them to think of solutions that are environmentally beneficial and would help represent the Dubuque County Conservation's ethics