

Lee County Conservation/Climax Molybdenum Project



Name: Amanda Schiller
Subject(s) Taught: Life and Earth Science
School: Van Buren Community Schools
Host Site: Lee County Conservation Board
and Climax Molybdenum

Part I: Overview of Business

- The mission of the LCCB is to acquire, develop, maintain and provide the public access to a variety of areas that will meet the conservation, recreation and wildlife needs for the general well-being of those people while providing development and conservation of natural resources and improving citizenship through programs of education and recreation.
- Lee County Conservation is located in the most extreme southeast corner of Iowa - bordered by the Des Moines River on west side, the Mississippi River on the east and the Skunk River on the north.
- Climax Molybdenum is Located on the banks of the Mississippi River in southeast Iowa, the Ft. Madison facility is the world’s largest and highest quality producer of lubricant grade molybdenum disulfide, sublimed pure molybdic oxide, calcined pure molybdic oxide, ammonium dimolybdate, ammonium heptamolybdate, ammonium octamolybdate, and sodium molybdate

Part III: Introduce the Problem

- How to get more student and community involvement within the local conservations
- Provide awareness of what is offered within the conservations
- Align the curriculum used within Climax and the Lee County Conservation with NGSS
- Identify the different species of bats located on the landfill that belongs to Climax Molybdenum

Part V: Business Solution

- They will help keep in contact with the schools and communities with what they have to offer (activities and programs)

Part II: Workplace Focus

- Going through the educational science curriculum that will be aligned with the Next Generation Science Standards (NGSS) with the Lee County Conservation Board (LCCB)
- Partnering with Climax Molybdenum will also allow for prairie id and maintenance in the property that lies between LCCB and Climax and at the Climax landfill. I will also be determining the different species of bats that are located within the Climax property and along the river of the LCCB property.

Part IV: Background

- Offer gatherings at the conservation
- Provide information with all programs/activities offered
- Awareness of networking students and families with the conservation board

Part VI: Student Solutions

- Help create more activities to instill at the conservation
- Lead some activities/lessons to other students