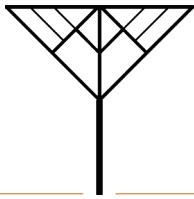


EXTRAORDINARY VISION



MADISON COUNTY CONSERVATION CENTER
CAPITAL CAMPAIGN



STEM-based Programming

DISCOVERY BASED ENVIRONMENTAL LEARNING

The STEM (Science, Technology, Engineering & Mathematics) program approach provides students with an innovative, problem solving and discovery based environment that focuses on real-world application. This program engages students in authentic, real-world problems through the infusion of technology and curriculum.

“The Conservation Board has provided a valuable partnership for my life science classes. Getting students into their native natural environment enhances their knowledge of valuable resources in their own backyard. The new Conservation Center would improve our ability to deliver STEM-based curriculum through programming that the Conservation Board can readily offer our students.”

– Annette Purdy, Life Sciences Teacher
Winterset Community Schools

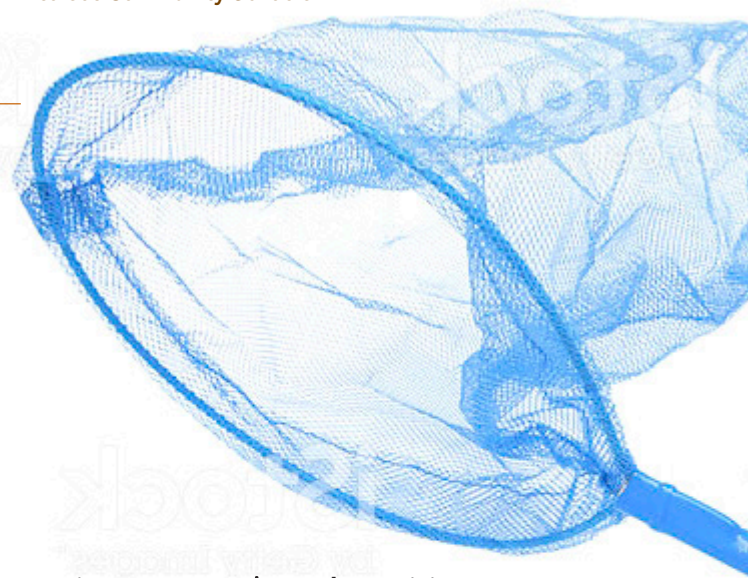
EXAMPLES OF STEM-BASED LEARNING

Envirothon

Teams of students competing in a “problem solving” challenge on a district, state and national level that require them to assess, research and prescribe solutions to environmental situations.

Conservation Club

Challenges students to pro-actively assist the Conservation Board with a range of responsibilities, including designing features of an Outdoor Classroom to developing outdoor programming for underclassmen.



Project Learning Opportunities

Engages students of all ages to adopt specific community based environmental needs (such as storm water runoff and invasive species control) and develop a desired outcome.

Teacher Training Workshops

Workshops designed to show teachers of all academic disciplines, not just science & math, that the STEM approach to problem solving can be incorporated into their curriculums.

