

Boone County Conservation District Outdoor Classroom - *Field Study for First Grade* Nature's Problem Solvers

Discover how biomimicry inspires design!

Through outdoor investigation and classroom activities students learn how to mimic nature's solutions to everyday problems.

Cost: \$4.00 per student from Boone County schools; \$8.00 per student out-of-county schools.

Location: Roger D. Gustafson Nature Center, 603 N. Appleton Road, Belvidere, IL

IMPORTANT INFORMATION

- **Everyone should be dressed for the weather, including chaperones!**
- Snow boots, not "show" boots. Snow pants are also important.
- We have a supply of boots and snow pants for students who forget or don't have any.
- Everyone should have a nametag.... please!
- *Please make chaperones aware of the school district's policy regarding social media.*

Please bring one adult for every five students; 5 or 6 per class is ideal. This is an all-day program. Everyone must bring a sack lunch and drink. Refrigeration and microwaves will not be provided.

To schedule a trip or if you have further questions, please call (815) 547-7935.

Scheduling begins **December** for dates in *January and February*.

NEXT GENERATION SCIENCE STANDARD

1-LS1-1. Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.

COMMON CORE STATE STANDARD

SL.1.1 Participate in collaborative conversations with diverse partners about grade one topics and texts with peers and adults in small and larger groups.

Post-visit Activity

Listen to podcasts from the author of *Wild Ideas* about the science behind the book. www.owlkidsbooks.com/wildideas

Recommended Reading

Nature Got There First by Phil Gates

Biomimicry: Inventions Inspired by Nature by Dora Lee



Please watch this video so your students know how to dress:
<https://www.youtube.com/watch?v=BA6KJ4ksoYk&feature=youtu.be>