

Classroom Materials Summary: Bugs Below Zero An Introduction to Winter Aquatic Insects in Minnesota

Overview and Description:

These materials were put together to be taught in a junior high or senior high agriculture education course. The lesson plan is designed to be customizable to the needs of your classroom. There are several worksheets, videos and activities included.

This lesson plan was designed by agriculture education & communication students at the University of Minnesota as part of a grant to spread awareness and knowledge on winter aquatic insects. Please see the contact information below if you have questions or comments about the lesson or the information in the lesson.

All videos included in the lesson plan as well as other resources can be found on the Bugs Below Zero website.

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Materials and Resources Included in Lesson:

- Bugs, Bugs, and More Bugs Video: A short overview of the importance of winter aquatic insects, and a call to action for students to get involved.
- Intro to Wet Bugs Video: A short video introducing the speaker/presenter for the videos and introducing students to wet bugs.
- Stonefly Video and Worksheet: Classroom lesson video about the stonefly and worksheet.
- Mayflies Worksheet & Video: Video lesson on the mayfly and an a worksheet to match.
- Hellgrammites Worksheet and Video: lesson and matching worksheet on Hellgrammites.
- Caddisfly Worksheet and Video: Caddisfly Lesson and Worksheet to accompany the video.
- Application Activity Ideas: Ideas for application or in class activities.