

High School Lesson Plans: Invasive Plants

Kentucky Core Content Connections:

Wildflower, Weed or Bully?

<http://www.dnr.state.wi.us/org/caer/ce/eeek/teacher/invasivesguide/Wildflower%20Weed%20or%20Bully.pdf>

This interactive and hands-on lesson plan provides students with a general introduction to invasive species. It helps students to clarify and define invasive terminology and encourages them to use information learned in class in a natural environment outside the classroom.

Program of Studies: Understanding

SC-H-I-U-1
SC-H-I-U-2

Program of Studies: Skills and Concepts

SC-H-I-S-1
SC-H-I-S-5
SC-H-I-S-7

Core Content:

SC-HS-4.7.2

Weed Out!

<http://www.dnr.state.wi.us/org/caer/ce/eeek/teacher/invasivesguide/Weed%20Out.pdf>

This lesson plan involves removing weeds from a selected area to study. It helps students to understand the importance of the community and stresses the importance of native plants in that community's ecosystem.

Program of Studies: Understanding

SC-H-I-U-1

Program of Studies: Skills and Concepts

SC-H-I-S-1

Core Content:

SC-HS-4.7.1

SC-H-I-U-2
SC-H-I-U-4

SC-H-I-S-4
SC-H-I-S-5
SC-H-I-S-7

SC-HS-4.7.5
SC-HS-4.7.2

Plants of the Melting Pot

<http://www.dnr.state.wi.us/org/caer/ce/eeek/teacher/invasivesguide/Plants%20of%20the%20Melting%20Pot.pdf>

Students interact as immigrants bringing plants over to America for various reasons, such as for food sources or for intrinsic value. Students will build a timeline of invasion and understand the economic reasoning behind intentional invasive species introductions.

Program of Studies: Understanding

SC-H-I-U-1
SC-H-I-U-2

Program of Studies: Skills and Concepts

SC-H-I-S-1
SC-H-I-S-5
SC-H-I-S-7

Core Content:

SC-HS-4.7.2

Gone with the Wind

http://www.weedinvasion.org/weeds/getfile.php?file=pdfs/facts/high/gone_with_the_wind.pdf

Students will learn how seed dispersal mechanisms can help a plant to cover more area and invade new territories. It involves graphing dispersal distances and some math skills.

Program of Studies: Understanding

SC-H-I-U-1
SC-H-I-U-2
SC-H-I-U-5
SC-H-I-U-6
SC-H-I-U-7

Program of Studies: Skills and Concepts

SC-H-I-S-1
SC-H-I-S-5
SC-H-I-S-7
SC-H-I-S-8

Core Content:

SC-HS-4.7.2

Sources:

Lesson plans *Wildflower*, *Weed or Bully*, *Weed Out!*, and *Plants of the Melting Pot* from:

The Wisconsin Department of Natural Resources

<http://www.dnr.state.wi.us/org/caer/ce/eeek/teacher/invasiveplantguide.htm>

Lesson plan *Gone with the Wind* from:

http://www.weedinvasion.org/weeds/weed_home.php

Kentucky Core Content connections provided by:

Floracliff Nature Sanctuary
<http://www.floracliff.org>