Lesson 2: What is Firewise?

LESSON OVERVIEW

In this lesson, students are introduced to Firewise terminology and assessment techniques, home fire risk factors, and steps communities can take to reduce risk through a PowerPoint presentation and outlining activity.

OBJECTIVES

The student will be able to:

- 1. Outline a PowerPoint presentation.
- 2. Define Firewise terminology.
- 3. Identify home fire risk factors.
- 4. Understand assessment techniques used to determine Firewise property.
- 5. Identify steps communities can take to promote Firewise goals.

ESTIMATED TIME

One 30-minute class period.

MATERIALS NEEDED

Teacher

Computer and LCD Projector, Internet connection, Firewise MN Bound video and What is Firewise 2016? PowerPoint presentation (2016 Teacher DVD)

Student

Firewise Student Guide - Section 8

WEB LINKS

Firewise Communities

http://www.firewise.org/

Minnesota Firewise

http://www.dnr.state.mn.us/firewise/index.html

2010 Wildland-Urban Interface - USA - University of Wisconsin

http://silvis.forest.wisc.edu/maps/wui

Minnesota

http://silvis.forest.wisc.edu/sites/default/files/maps/wui/2010/white/Minnesota wui 2010 white.qif

2010 U.S. Housing Density (Block Group Level) – University of Wisconsin http://silvis.forest.wisc.edu/maps/housing

Minnesota

http://silvis.forest.wisc.edu/sites/default/files/maps/blk pla/2010/white/Minnesota blk pla 2010 white.gif

VOCABULARY: Firewise, Wildland/Urban Interface, home ignition zone, defensible space, access, site, ladder fuels, flying embers, structure, burning practices, defensible space, Level 1 Firewise Community Assessment, Firewise, Density Surface Model (DSM), Level 2 Firewise Community Assessments, Firewise Community Plan

Lesson 2: What is Firewise? (continued)

ACTIVITY

- Begin Lesson 2 by reviewing the previous day's learning. Answer any student questions related to the content.
- 2. Direct student's attention to Section 8 of the Student Guide, What is Firewise? PowerPoint Outline. Prepare to show the PowerPoint presentation.
- 3. Inform students that they will be utilizing this information in future classes to conduct a Firewise Community Assessment and to prepare a Community Report.
- Direct students to complete the outline as they watch and discuss. Show the What is Firewise? PowerPoint.
- 5. After the presentation is completed, allow students a few minutes to finish the outline. Discuss student responses.

CONCLUSION

Answer any questions related to the day's topics.

ASSESSMENT

Formal - Firewise Student Guide 1 - Section 8

EXTENSION

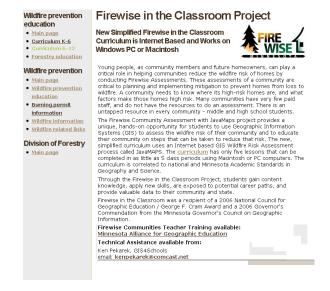
Students can explore the Firewise Communities and Firewise Minnesota websites and share their findings. Type in the links below or see Teacher Resource Links.

http://www.dnr.state.mn.us/firewise/index.html



Lesson 2: What is Firewise? (continued)

http://www.dnr.state.mn.us/education/wildfire/firewise_communityproject.html



RESOURCE LINKS

- Firewise Communities
- o http://www.firewise.org/
- Minnesota Firewise
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- 2010 Wildland-Urban Interface USA University of Wisconsin
- http://silvis.forest.wisc.edu/maps/wui
- Minnesota
- o http://silvis.forest.wisc.edu/sites/default/files/maps/wui/2010/white/Minnesota_wui_2010_white.gif
- 2010 U.S. Housing Density (Block Group Level) University of Wisconsin
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- Minnesota
- http://silvis.forest.wisc.edu/sites/default/files/maps/blk_pla/2010/white/Minnesota_blk_pla_2010_white
 .gif
- YouTube Firewise Videos
- YouTube Firewise Videos