

LESSON 2
Being Proactive

Student Handout

PROBLEM

How might a community be proactive to flooding in their neighborhood?

Think back to the question How might floods impact specific neighborhoods differently? in Lesson 1 and how you were looking out for built and natural infrastructure that might make a neighborhood either more or less prone to flooding.

FACTS & QUESTIONS (Synthesize content; generate ideas and explanations)

What opportunities exist for communities to be proactive?

Think back on answers to the problem question in this lesson as well as to lesson 1 and the introductory video to help you answer the above question

Also consider answering the following questions:

What should you do before a flood?

Refer to the following source to help you answer

<https://www.weather.gov/safety/flood-before>

How might aspects of someone's identity (such as their income level, age, physical and mental ability, educational level, etc.) affect their ability to undertake any of the aforementioned proactive strategies?

Refer to the following source to help you answer

<http://artsandsciences.sc.edu/geog/hvri/faq>

LEARNING ISSUES (listing information needed to solve the problem)

Flood preparedness strategies can be divided into short-term (emergency/disaster preparedness) strategies and long-term planning and implementation strategies.

How would you explain emergency/disaster preparedness?

Refer to the following links for help answering this question <https://cutt.ly/xoBW8d> and/or <https://cutt.ly/1oBYWn>

What does it mean to be vulnerable to flooding?

Refer to the following sites for help answering the question:

<http://unihefvi.free.fr/vulnerability.php>

http://unihefvi.free.fr/flood_vulnerability_factors.php

PURSUIT (Researching to acquire new information about the problem)

What are some longer-term strategies you can take to be prepared for a flood event?

Refer to the following site for help to answer the question: <https://cutt.ly/poNR1T>

What are some shorter-term strategies you can take to be prepared for a flood event (disaster in general)?

Refer to the following sites for help answering the question:

<https://cutt.ly/HoNlll>

<https://cutt.ly/ToNUfd>

<https://cutt.ly/WoNOKN>

What do you think are some longer-term strategies communities as a whole can take to prepare for floods?

Refer to the following link to help you answer the question: <https://cutt.ly/loNArk>

Do you think that the different ways in which communities or people might be vulnerable to flooding are considered in any of the aforementioned flood preparedness strategies?

INTEGRATION & SHARING (Applying and sharing learned information with classmates)

Share with your classmates what you have learned about flood preparedness and how the vulnerability of different people to flooding can influence their ability to be prepared for a flood event