

LESSON 3 Being Reactive	Student Handout
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PROBLEM

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

Think back to lesson 2 and the concepts of how different people (and communities) are not able to prepare for floods in the same way (based on a variety of factors such as income, age, education level etc.). Now think about how different people would be impacted differently by a flood and not be able to respond in the same way to a flood event.

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

What opportunities exist for communities to be reactive to flooding?

Think back to lesson 2 and the community wide strategies in preparing for a flood. Also think about opportunities to react/respond to flooding either during or immediately following the flood event.

Also consider answering the following questions:

What should you do during a flood?

Refer to the following source to help you answer
<https://www.weather.gov/safety/flood-during>

What should you do after a flood?

Refer to the following source to help you answer
<https://www.weather.gov/safety/flood-after>

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 response strategies?

This question presents an opportunity for you to jog your memory about what you learned about differentiated vulnerability to flooding in lesson 2

Refer to the following source to help you answer, if you are still stuck
<http://artsandsciences.sc.edu/geog/hvri/faq>

LEARNING ISSUES (listing information needed to solve the problem)

Flood response and recovery strategies can be divided into short-term response and longer term recovery strategies

How would you distinguish disaster recovery and disaster response?

Refer to the following link for help answering this question <https://cutt.ly/Do1kJv>

PURSUIT (Researching to acquire new information about the problem)

What do you think are some actions you can take to keep yourself safe during a flood event (i.e. response)?

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

What do you think are some of the strategies you can take to recover from a flood?

Source: http://hosted.lib.uiowa.edu/flood/nine_steps.html

How do you think a community can respond to a flood?

Refer to the following site for help to answer the question: <https://cutt.ly/9o1U2k>

How do you think a community can recover from a flood?

Refer to the following links to help you answer the question:

<https://cutt.ly/eo1V7y>

<https://www.fema.gov/community-recovery-management-toolkit>

<https://cutt.ly/Po1Nju>

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 response and recovery strategies?

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

Share with your classmates what you have learned about flood response and recovery and how the vulnerability of different people to flooding can influence their ability to both respond and/or recover to a flood event