

# EXTREME WEATHER

## Lesson Plan

### Flood Facts

Lesson Plan for *Floods*

Grade 2

### Objective

To help students practice comparing and contrasting the main ideas of two texts about floods.

### Things Needed:

- *Floods* book
- Access to the “Floods” web page on the Pop! website: <https://popbooksonline.com/extreme-weather/floods>

### Before the Activity

Pull up the “Explore Links” tab on the Pop! website and click the “National Geographic Kids: Floods” link. This link can also be found here:

<https://kids.nationalgeographic.com/explore/science/flood/#flood-house.jpg>

### Activity

Read Chapter 1 (“How Floods Form”) of the *Floods* book out loud to students. Then ask the following questions:

- According to the book, what is a flood? (Answer: “A flood is when a large amount of water flows onto land that is normally dry.”)
- What does the book say can cause floods? (Answer: heavy rain, melting snow, overflowing rivers, breaking dams, and storms along the coast)
- Page 9 gives two statistics about floods. What are they? (Answer: “Flash floods form within 6 hours of rain starting. Floodwater can climb up to 30 feet high.”)
- What do these facts help us learn about floods? (Possible Answer: They tell us how fast and damaging floods can be.)



POPBOOKSONLINE.COM

©2020 Pop!

Next, read the text from the “Floods” link out loud to students. Ask the following questions to compare this website with the book:

- According to this website, what is a flood? (Answer: “A flood is a rise of water with no place to go.”)
- How does this definition relate to the book? (Answer: It is similar to the sentences on page 4 that talk about how extra water usually soaks into the ground but that floods happen when an area has too much water for the ground to hold.)
- What causes of floods does this website list? (Answer: “hurricanes, broken levees or dams, rapidly thawing snow, ice jams, and heavy slow moving rain or repeated rain”)
- Which of these causes are different than the ones listed in the book? (Answer: The website lists a few extra causes: levees and ice jams. It names a specific kind of storm: hurricanes. It also adds a few more descriptive details about the kind of rain that causes floods.)
- The last paragraph on the website gives two statistics about floods. What are they? (Answer: “Just six inches of water can knock a person off their feet. Just two feet of water can carry a car away.”)
- What do these facts help us understand about floods? (Answer: They tell us how dangerous even small amounts of water can be.)

### **Evaluation**

Could students answer the questions about key details from both texts? Could they compare and contrast the book and the website?

### **Standards**

This lesson plan may be used to address the Common Core State Standards’ reading standards for informational texts, grade 2 (RI 2.9).



**POPBOOKSONLINE.COM**

©2020 Pop!