

Invitation What do you notice? What could have caused this to happen?

Watershed Models

Draw or write descriptions of how the watershed looks after each event.

No rain or heat	High temperature	Heavy rainfall



Concept Invention

Choose 3 historical floods to analyze and record the cause and effect of that flood. Choose from the following sections: The Great Flood of 1862: A Month of Rain, The Flood of 1907, Thanksgiving Flood of 1950, The Flood of December 1955, 1997 New Year's Day, A Local Perspective: The Flood of 2006

Date of Event	Cause What caused there to be flooding?	Effect What effect or damage did the flooding cause?



What do you notice about these floods? How does this relate to your observations from the rain events on the watershed model?

Flood Risk Solutions

Write or draw a description of your watershed after testing out your solution.

How does your watershed with your solution compare to the watershed after a flooding event without your design? How effective was your design at preventing flooding in the watershed? What improvements would you make to your design?