

# No Galloping Gerties Allowed!

## Explorer's Notebook

Directions:

1. In the location box, type askjeeves.com . Press Enter.
2. In the question box, type "What is Galloping Gertie?" Press Enter.
3. Find the entry entitled Galloping Gertie-The Tacoma Narrows Bridge Disaster and click on the blue words. Read the paragraph.
4. What is Galloping Gertie? \_\_\_\_\_
5. Click on the address  
<http://members.tripod.com/~tacomaweekly/NarrowsBridge.html>
6. Watch the slide show of the bridge.
7. Click the Back button on the menu bar 2 times.
8. Find and click on the entry entitled Tacoma Narrows Bridge.
9. Scroll down and click on Galloping Gertie. Scroll down and look at the picture of the bridge. What happened to Galloping Gertie?
10. The design of the bridge was changed several times by different engineers. When it was finally built, winds as low as four miles an hour caused the bridge to sway. On the morning of November 7, 1940, the center span of Galloping Gertie began going up and down in winds of 35 to 46 miles per hour. The bridge was closed to traffic. In a short time the up and down undulations changed to a twisting motion. The twisting motion caused the roadbed of the bridge to break up. At 11:02 a.m. the western end of the bridge twisted free, flipped over, and plunged down into the water. At 11:09 a.m., the remaining bridge sections ripped free and thundered down into the water.