

**Main Ideas, Key Points,
Questions:**

After watching the video segment, write down key points, main ideas and big questions.

Objective(s):

- *To plan and carry out an investigation of pH in river water using both quantitative and qualitative methods.*

Notes:

During the video segment, use words, phrases or drawings to take notes.

Summary:

After watching the video segment, write at least three sentences explaining what you learned. You can ask yourself: "If I was going to explain this to someone else, what would I say?"

After watching the video and performing any associated labs and/or experiments, you should be able to answer the following:

- 1. Write a testable hypothesis that could be used to investigate the Ogeechee river fishkill.**

- 2. Why is it important to collect water samples from the area upstream above the location of the factory?**

- 3. Two methods of measuring acid and base pH are described.**

Which method is quantitative?

Which method is qualitative?

- 4. Why do scientists say that every investigation is not an experiment?**