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

Main Ideas, Key Points, Questions:

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

Notes:

To explain why replication is important in any experiment.
To analyze and display experimental data in a table or graph.
To use “Claims, Evidence and Reasoning” when arguing from evidence.

Objective(s):

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?”

Summary:
QUESTIONS TO CONSIDER:
UNIT 1, SEGMENT F

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

1. What is replication and why is it important in any experiment?

2. How did you decide to display your experimental data for analysis?

3. Using quantitative data, how is an “average” calculated? If you like, you can simply show how you calculated an average for one of the river sample sites in your experiment.

4. Using qualitative data such as indicator color, a numerical average cannot be calculated, so how can your data be evaluated?

5. What is a guiding question?

6. What do we mean by “Claims, Evidence and Reasoning”? 