



Stream Walk
Biological, Chemical, and Physical
Factors that Affect Water Quality



Scientific Inquiry Process

1. Question: _____

Research:

a. What are some of the biological factors used as indicators for water quality?

b. What habitat factors must be observed and considered?

c. What are some of the physical and chemical factors that must be observed and monitored?

2. Hypothesis: _____

3. Procedure:

1. _____

- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____
- 11. _____
- 12. _____
- 13. _____
- 14. _____
- 15. _____

Materials/Supplies Needed

- ✓ _____
- ✓ _____
- ✓ _____
- ✓ _____
- ✓ _____
- ✓ _____
- ✓ _____
- ✓ _____
- ✓ _____
- ✓ _____
- ✓ _____
- ✓ _____
- ✓ _____
- ✓ _____
- ✓ _____
- ✓ _____

4. Data

Record data on:

- 1. Kentucky Water Watch Biological Monitoring Assessment Report Form

