Year 11 Science: Combining approaches: one stream investigated three ways

Name: _____ Date: _____

Try these without your notes first, then check the answer key.

Practice

1. Three repeats of a fair test give 12 mg, 14 mg and 13 mg of algae. Find the mean.

2. A stream has an MCI of 104. Which class is it in?

3. A class identifies 12 kinds of invertebrate, and 3 of them are EPT kinds. Work out the percentage of EPT kinds.

4. In the fertiliser test, which jars are the control, and what are they for?

5. Give one thing the council data could not tell the class, which their own classifying and identifying could.

6. Write one sentence that links the pattern seeking and the classifying and identifying, with evidence, as an Excellence answer would.

Fix the mistake

7. Correct this statement: "My controlled variable is the amount of fertiliser."

8. Correct this statement: "I included the odd jar in the mean so all my data counts."

9. Correct this statement: "The fair test proves fertiliser is what is wrong with the stream."

10. Correct this statement: "For Excellence I wrote a summary of each investigation again."