Name: _____ Period: _____ Date: _____

Planning an Investigation Exit Quiz - Student Edition

Multiple Choice – Select the best answer

1. What is the purpose of a scientific investigation?
    a) To ask a scientific question
    b) To answer a scientific question
    c) To write a plan
    d) To outline what we expect to achieve in a lab

2. Which of the following is NOT a step in planning a scientific investigation?
    a) Asking a scientific question
    b) Identifying variables
    c) Collecting data
    d) Trialing a method

3. Which of the following is not true of the dependent variable?
    a) It forms part of the hypothesis.
    b) It must be controlled.
    c) It changes because of the independent variable.
    d) It needs to be measured.

True or False?

1. Repeating each value for the independent helps us prove that our data is reliable and that we can recreate our results.

2. Following a method will always lead to reliable results.

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