Unit 1 Guided Practice: Scientific Method Research

**Part 1:**

Read the article and answer the following questions in complete sentences.

1. What is the problem being investigated? Click or tap here to enter text.
2. Describe the experiment in your own words. Click or tap here to enter text.
3. Briefly provide the background information the researchers may have used to develop a testable hypothesis. Click or tap here to enter text.
4. What is the **independent variable** in the study/experiment (what is the factor that was different between the control group and test group)? What was the **dependent variable** in the study/experiment (what did researchers measure a change in)? Click or tap here to enter text.

**Part 2:**

Complete the following table after answering questions #1-4.

**Research Step Application to this Problem**

|  |  |
| --- | --- |
| Observation |  |
| Defining the Problem |  |
| Forming a Hypothesis |  |
| Testing the Hypothesis |  |
|  |  |
| Observing and Recording Results |  |
| Drawing Conclusions |  |
| Reporting Results |  |