# **Sociology Summer Assignment Worksheet*****Topic: Sociology as a Science***

**Due Date: Friday, August 8th, 2025**

### **Instructions:**

Use the provided PowerPoint on **Sociology as a Science** and trusted websites to help you complete this worksheet. Make sure to write your answers in complete sentences and use your own words where possible. Be sure to include information from all parts of the PowerPoint and any reliable sources you find.

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### **Part 1: Reading and Reflection**

*Read the summary on* ***Sociology as a Science*** *and answer the questions below in complete sentences.*

1. What makes sociology a social science?
2. Name at least three other social sciences. How is sociology different from them?
3. Explain the difference between correlation and causation. Give your own example.
4. What is a hypothesis in sociological research? Why is it important?
5. Describe the difference between quantitative and qualitative research. Give one example of each.

### **Part 2: Research Methods Exploration***Match each research method to its description. Then, write your own example of how you could use that method to study a topic you care about (like social media, school behavior, or cultural traditions). BE SPECIFIC!*

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| --- | --- | --- |
| **Research Method** | **Description Summary** | **Your Example Topic and Method Use** |
| Survey | Collects data via questionnaires or interviews |  |
| Existing Source Analysis | Uses data from previous studies to find trends or develop new questions |  |
| Observational Study | Systematic watching and recording of behavior |  |
| Experiment | Controlled setting with control and experimental groups |  |
| Statistical Analysis | Uses math to analyze data and find relationships |  |

### **Part 3: Mini Research Project Proposal***Imagine you want to study how teenagers use social media and how it affects their friendships.*

1. Write a clear research question you want to explore.
2. Propose a hypothesis for your study.
3. Choose one research method from Part 2 you would use and explain why it is the best choice.
4. Briefly describe how you would collect data using that method.

### **Part 4: Vocabulary Review***Define the following terms* ***in your own words:***

1. **Social Science**
2. **Hypothesis**
3. **Correlation**
4. **Causation**
5. **Quantitative Research**
6. **Qualitative Research**
7. **Archival Research**
8. **Naturalistic Observation**

### **Final Reminder:**

* Use both the **PowerPoint slides** and **trusted websites** for your research.
* Complete all parts of this worksheet with clear, thoughtful answers.
* Submit your worksheet by **Friday, August 8th, 2025 VIA Canvas**.
* Be ready to discuss your answers on the first week of class.