

Data Design Plan

1. Inquiry: *Think about the themes, subjects, individuals, material qualities, or other features of the library collection that spark your curiosity.*

- a. What feature(s) would you like to investigate about this collection?
- b. What is a research question that you could ask about this feature of the collection?
- c. How do you imagine you could answer this question using only information gathered from the objects in the collection (no outside research)?

2. Visualization: *Think about how you could collect data so that it might be visualized in order to provide some insight into the question you formulated above.*

- a. What kind of data would you collect: categorical, quantitative, temporal, geographical, etc.?
- b. What type of chart, graph, or other visualization might you create using that data?

3. Data Point(s): What specific data would you need to collect to investigate your question using visualization? Does any information already exist in the collection metadata that you could use?

4. Data Elements: Think about each bit of data you propose to collect as a column in a spreadsheet, where the rows are individual items from the collection. Each column will have a name and rules for how you enter the value.

What would you name the new column(s) in your dataset? This name will be your column header. What's an example value for the data you would enter in that field?

To answer these questions, fill out the following fields. Copy, paste, and fill out the fields for each column you create after the first.

Example:

Column Name: Publication Date

Data Value Example: 1990-12-01

5. Challenges: Do you anticipate any challenges in collecting the data you need? If so, what? *Think in particular here about the difficulty of collecting the data and/or potential areas of sensitivity such as how the data represents individuals or groups of people.*