

## Methodology for Getty Art + Science Collide Research

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The Getty's "Art + Science Collide" is an initiative of over 70 museums that explores the intersection of art and science through various projects and exhibitions. It aims to highlight how these two fields can inform and inspire each other, fostering creativity and innovation. By showcasing artworks that incorporate scientific concepts or techniques, the initiative encourages visitors to engage with both disciplines in new and meaningful ways.

**Problem Question:** How can we use the Getty Initiative to learn more about the intersections of art and science

In brief these are the main steps:

1. **Collect preliminary data** (do online research about the exhibitions, google search, possibly contact the institutions' public relations offices)
2. **Student forum as journal:** Document your research at the Student Forum
3. **Reflective Journaling:** The student forum may be the place for edited thoughts. Meanwhile maintain a journal documenting your thoughts, insights, and questions as you engage with the initiative.
4. **Interdisciplinary Research:** Conduct research that explores specific themes at the intersection of art and science, analyzing case studies and relevant literature from both fields.
5. **Literature Review:** Become familiar with the background history of the intersections of art and science. The syllabus provides case studies:
6. **Case Studies:** Examine particular artworks or projects that exemplify the collaboration between art and science, focusing on their processes, impacts, and outcomes. Also guide your choices by your own focus interests.
7. **Field Trip(s):** Class to make a short list of which institutions to visit as a group. Specialized interests visits can take place with smaller groups.
8. **Field Observation Reports:** Taking notes on how artworks engage scientific concepts or techniques and reflecting on the visitor experience.
9. **Data Analysis:** Analyze the collected data using appropriate qualitative or quantitative techniques, looking for patterns, themes, and insights.

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**Final PowerPoint Report Presentation:** Based on all of the above produce a PowerPoint documentation that extensively documents:

- a) Your overall evaluation as to the Getty initiative
- b) define what the main themes may be
- c) present your special field of interest, or works that stood out for you

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## **The Standard Approach to Documenting One's Research**

**Introduction:** Present the research question, significance, and objectives

**Literature Review:** Summarize existing research relevant to the topic

**Methodology:** Describe the methods used for data collection and analysis

**Results:** Present the findings, often using visuals like charts or tables to illustrate key points

**Discussion:** Interpret the results, discussing their implications, limitations, and how they contribute to the field

**Conclusion:** Summarize the main points and suggest areas for future research

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