Scientific Collaboration Planning Template for Artists

Core Concepts: Collaboration Development Timeline

Exploration Phase

- Initial concept development and partner identification
- Matching artistic interests with scientific domains
- Assessing mutual compatibility and interest
- Identifying audience needs and engagement strategies

Formation Phase

- Establishing goals, roles, and project parameters
- Developing shared terminology across disciplines
- Creating timelines accommodating both processes
- Addressing intellectual property and scientific integrity
- Establishing communication and decision protocols
- Clarifying resources and institutional requirements
- Defining success metrics for both disciplines

Integration Phase

- Merging scientific content with artistic methods
- Balancing scientific accuracy with artistic interpretation
- Exchanging discipline-specific feedback
- Exploring creative choices and communicative intent
- Reflecting on interdisciplinary perspectives
- Navigating tension between precision and expression

Presentation Phase

Public engagement through exhibition or performance

Reflection Phase

Evaluation of process and documentation of impact

Project Foundation

Collaboration Overview

- Project Title:
- Duration:
- Type of Collaboration: ☐ Residency ☐ Consultancy ☐ Workshop Series ☐ Field Exploration ☐ Educational Integration

Core Team

- Artist(s): [Name, discipline, role]
- Scientist(s): [Name, field, role]
- Supporting Team: [Additional participants, institutions]

Vision Statement

- Project Purpose: [1-2 sentences describing the purpose of the collaboration]
- Desired Outcomes:
  - Scientific:
  - Artistic:
  - Public/Community:

Scientific Content Assessment

Core Concepts

Primary Scientific Topics:

- Topic 1: [Brief description]
- Topic 2: [Brief description]
- Topic 3: [Brief description]

Questions for Scientific Clarification

- What are the key scientific principles I need to understand?
- Where is there scientific consensus vs. ongoing debate?
- What common misconceptions exist about this topic?
- What visual/sensory/experiential elements might help communicate this science?

Scientific Resources

- Key Literature: [Papers, books, websites]
- Visual Resources: [Diagrams, data visualizations, images]
- Available Data: [Datasets, measurements, observations]
- Field Sites/Labs: [Locations for direct experience]

Artistic Approach

Artistic Concept Development

- Medium/Form: [Describe artistic approach]
- Conceptual Framework: [How artistic choices relate to scientific concepts]
- Metaphors/Translations: [How scientific ideas will be expressed through artistic means]

Creative Questions for Exploration

- How might this scientific concept be experienced through the senses?
- What emotional responses might connect audiences to this scientific topic?
- What visual/auditory/physical elements best represent these scientific processes?
- How can I maintain scientific accuracy while creating compelling artistic work?

Partnership Structure

Communication Plan

- Regular Meetings: [Frequency, format]
- Review Process: [How scientific accuracy will be verified]
- Documentation Method: [How to record process and decisions]
- Shared Vocabulary: [Key terms from both fields that need common understanding]

Project Timeline and Resources

Phase	Dates	Scientific Activities	Artistic Activities	Joint Activities
Exploration				
Formation				
Integration				
Presentation				
Reflection				

Resources & Responsibilities

Budget

[Financial resources and allocation]

Materials/Equipment

[What's needed from each party]

Space Requirements

[Studio, lab, presentation venue]

Administrative Support

[Permissions, scheduling, logistics]

Audience, Impact, and Ethics

Target Audiences

- Primary: [Who is this work primarily for?]
- Secondary: [Who else might engage with this work?]
- Special Considerations: [Accessibility, background knowledge needed]

Engagement Strategy

- Learning Objectives: [What should audiences understand?]
- Emotional/Experiential Goals: [How should audiences feel/respond?]
- Call to Action: [What might audiences do after experiencing the work?]

Documentation & Evaluation Plan

- Documentation Methods: [Photos, video, writing, data collection]
- Evaluation Metrics: [How will you measure success?]
- Feedback Mechanisms: [How will you gather audience responses?]

Ethical Considerations

- Data Representation: [Ensuring integrity in visualization/sonification]
- Content Sensitivity: [Addressing potentially controversial topics]
- Environmental Impact: [Sustainability of artistic materials/processes]

Intellectual Property & Credit

- Authorship Agreement: [How credit will be shared]
- Rights to Work: [Who owns resulting artistic products]
- Publication/Exhibition Rights: [How and where work can be shared]
- Acknowledgments: [Funders, institutions, contributors]