

Roundtable Discussions are the most flexible format offered at the conference, perfect for sharing, developing, and getting feedback on works in progress. The sessions are likely to be quite different, depending on the mix of students, topics and stages of development of their projects. The purpose of the roundtables is the same:

1. Provide a forum for early stage researchers to participate.
2. Encourage student research.
3. Create a pipeline of student researchers for future SRD.
4. Facilitate small group discussion about scholarly research.

### **Student Researcher Commitment**

1. Prepare a verbal project description that is up to 10-minutes and a written document to share with others at the roundtable.
2. Compile a list of questions/talking points you would like addressed during the roundtable discussion.

### **MODERATOR ROLE AT ROUND TABLES**

1. Open with round robin introductions. Include your own research experiences (esp. as a student) and the importance of student research.
2. Encourage (and time) each student researcher to share her/his ideas and written documents.
3. Prompt each as needed to discuss their research question(s), why they think these are important, the research process, key learning, and challenges.
4. Encourage other student researchers to join in adding value to the early stage research by:
  - a. listening actively
  - b. taking notes
  - c. developing their questions and feedback for each student who shares their work
  - d. engaging in discussion
  - e. sharing feedback sheets with you electronically for quick review (if possible).
5. Model behavior in 4. above.
6. Time permitting, introduce the scientific method and its value in everyday life, theory building, and paradigm shifting (ideas to prompt/remind are on next pages).

Thank you for your time and role in motivating students to persist with their research ideas and projects.



## Roundtable Discussion Guide – Student Research Conference 2021

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**Your goal is to add value to the research enterprise by actively participating in discussion and questioning.**

Name of project/student researcher \_\_\_\_\_

Did the researcher have a written document for you?  Yes  No

What do you understand about the research project?

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What questions arise as you listen to the researcher speak about their research?

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What suggestions do you have for the researcher?

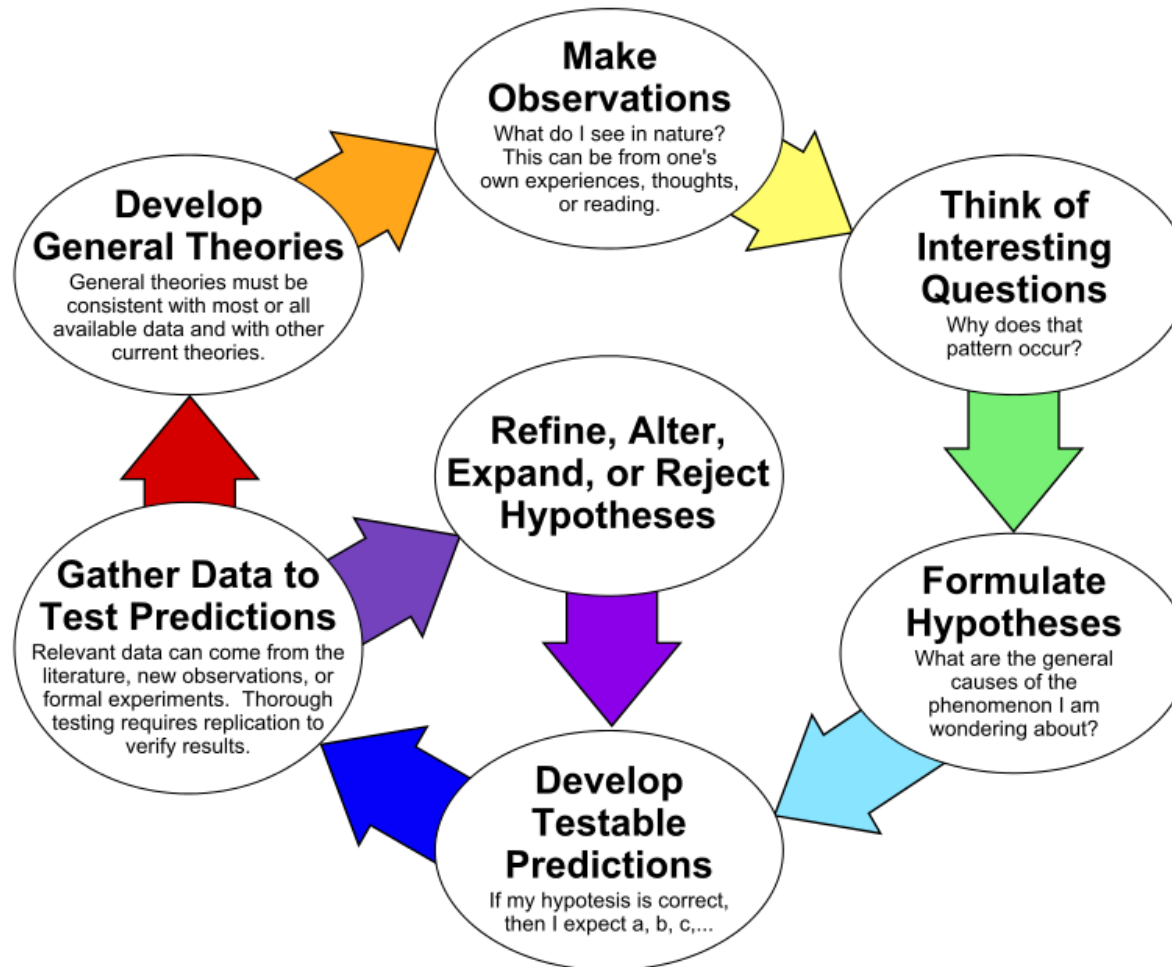
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## Scientific Method - Trial & Error – Is Cyclical

### The Scientific Method as an Ongoing Process



## Scientific Method in Everyday Life

Cooking	
GOAL	To prepare a food dish
MODEL	The recipe
DATA	Tasting during preparation or when served
EVALUATION	Decisions on how it tastes
REVISION	Changes to the recipe

Designing advertisements	
GOAL	Improve sales
MODEL	Current and modifies ads
DATA	Responses to each ad in trials
EVALUATION	Deciding which ad most closely achieves your goal in numbers of responses
REVISION	Adopting an ad for general distribution

Writing a news article	
GOAL	Write a stimulating article
MODEL	Current Draft
DATA	Reactions to the draft
EVALUATION	Are the reactions achieved by your draft those you want to achieve?
REVISION	New draft

Running a Company	
GOAL	Increase Profit
MODEL	A plan showing anticipated revenue and expenses
DATA	Actual revenue and expenses
EVALUATION	Comparison of plan to data
REVISION	Modifications of the plan in response to the evaluation