The Scientific Method
The Scientific Method involves 6 steps:

1. Problem /Question
2. Research
3. Hypothesis
4. Experiment
5. Data (Results /Observation)
6. Conclusion
The scientific method idea is the method on which all research projects should be based.
Problem or Question - You ask a question or state a problem that you observed.
The Scientific Method

Research - is searching for and gathering information.
Hypothesis: You predict what you think the answer to your question might be.
The Scientific Method

Experiment - You figure out a way to test whether the hypothesis is correct. The outcome must be measurable. Record and analyze data.
The Scientific Method

Observation- You observe something using your senses to reach the result.
The Scientific Method

Results - You do the experiment using the method you came up with and record the results. You repeat the experiment to confirm your results by retesting.
The Scientific Method

Conclusion - You state whether your prediction was confirmed or not and try to explain your results.
The Scientific Method

WHY GROUP WORK?