

Scientific Method

1. Ask a question (state a question)

Purpose – why you are investigating

2. Form a hypothesis

Prediction of outcome – what you think will happen

3. Test the hypothesis

Research, observations, experiments to gather data or information

4. Analyze the result (observe, collect information, record and study data)

Study the data or information

5. Draw a conclusion

Answer – is your hypothesis correct or incorrect

6. Communicate results

Share your information (graphs, words, pictures) – email your results to others in your field, post your results on the internet, print your results in magazines, journals, or books.