

**TRIAL 1:** Working over your basin, fill your cup to the rim with water.

1. OBSERVATION: What do you see?

2. QUESTION: What will happen if you flip the cup over?

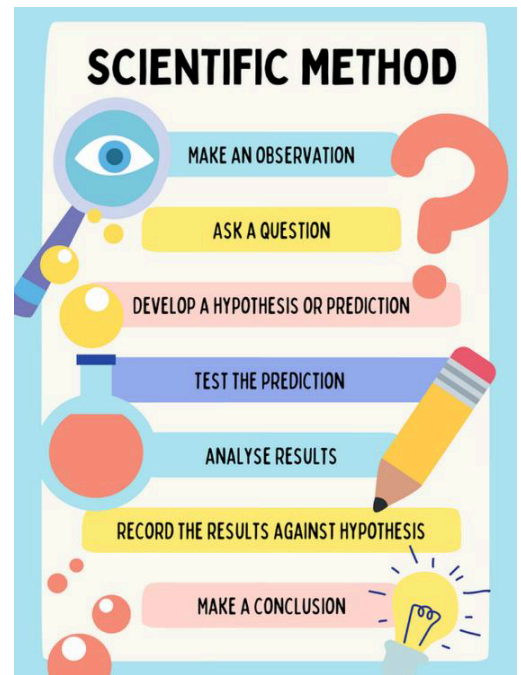
3. HYPOTHESIS: What is your prediction?

4. TEST YOUR PREDICTION: While holding the full cup over your basin, flip it over.

5. RESULT: What happened?

6. ANALYSIS: Was that what you expected to happen?  
YES      NO

7. CONCLUSION: Why did that happen?



**TRIAL 2:** Working over your basin, fill your cup to the rim with water. Place a notecard over the top.

1. OBSERVATION: What do you see?

2. QUESTION: What will happen if you flip the cup over?

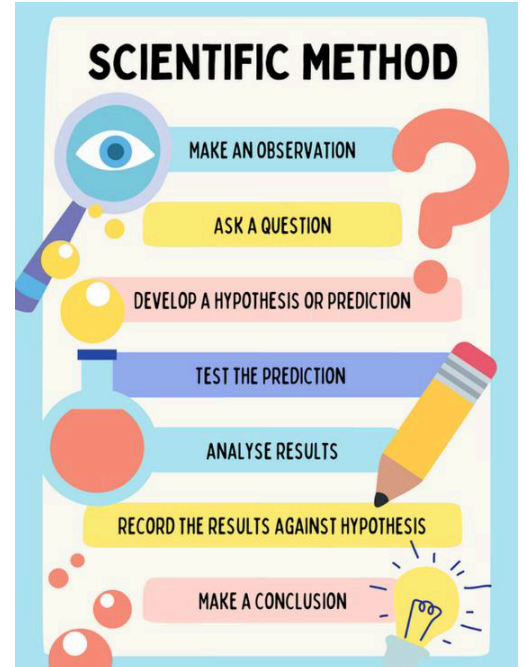
3. HYPOTHESIS: What is your prediction?

4. TEST YOUR PREDICTION: While holding the full cup topped with a notecard over your basin, carefully flip it over.

5. RESULT: What happened?

6. ANALYSIS: Was that what you expected to happen?      YES      NO

7. CONCLUSION: Why did that happen?



**TRIAL 3:** Working over your basin, fill your cup to the rim with water. Place a notecard over the top. Get a pushpin.

1. OBSERVATION: What do you see?

2. QUESTION: What will happen if you flip the cup over?

3. HYPOTHESIS: What is your prediction?

4. TEST YOUR PREDICTION: While holding the full cup topped with a notecard over your basin, carefully flip it over. Carefully poke one small hole in the bottom of the cup.

5. RESULT: What happened?

6. ANALYSIS: Was that what you expected to happen?  
YES      NO

7. CONCLUSION: Why did that happen?

8. DISCUSSION: Why did you see different results in the three trials?

