

Steps of the Scientific Method:

1. Identify the question/problem
2. Make general observations
3. Create a hypothesis
 - a prediction & a reason
4. Design an experiment that tests hypothesis
5. Carry out experiment, collect data
6. Conclude and share results
 - include an inference

LO: Carry out a scientific investigation.

SLE: Work collaboratively.

Problem: Does a ping-pong ball bounce higher than a tennis ball?

Hypothesis: (with a reason)

Procedure:

1. Hold a meter stick vertically on a table.
2. Hold a ping-pong ball at the top of the meter stick and let it go.
3. Measure how high it bounces.
4. Repeat until you have 5 measurements.
5. Repeat steps 1-4 with a tennis ball.

Data:

	Ping-Pong	Tennis
1		
2		
3		
4		
5		
Average		

Conclusion: (with an inference)