Date: _____

Experiment Title:

Student's Name : _____
Parent's Name : _____
Parent's Email : _____
Parent's Phone : _____

Purpose - Ask a Testable QUESTION:
Keep it simple, something you can do at home and measure, ideally with a number.

_____

_____

Background RESEARCH:

What are three things you learned relating to your topic? Use complete sentences.

1: _____

_____

2: _____

_____

3: _____

_____

Independent Variable:
What is the one thing you want change in each trial?

**Remember only one thing can change to be a fair test, everything else must be controlled.*

_____

Forming a HYPOTHESIS (Taking your best guess):

What do you think will happen when you change your variable?

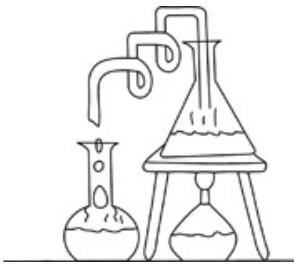
_____

_____

Student's Name :_____

(In case the pages are separated.)

Draw a picture of how your EXPERIMENT will be set up:
Be precise and use labels, we should have a clear idea what you will do.



Materials List:

List everything: specific equipment, supplies, safety items and measuring tools.

1:_____

2:_____

3:_____

4:_____

5:_____

6:_____

7:_____

8:_____

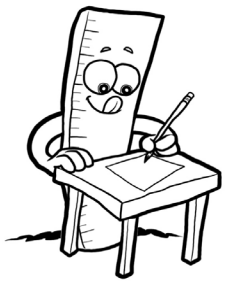
9:_____

10:_____

11:_____

12:_____

Student's Name : _____
(In case the pages are separated.)



Step-by-Step Plan:
What are the steps to complete your experiment?
**Use complete sentences and include measurements and information needed to carry out your experiment precisely. We should be able to replicate your experiment based on your plan here.*

1: _____

2: _____

3: _____

4: _____

5: _____

6: _____

7: _____

8: _____

9: _____

10: _____

11: _____

12: _____

13: _____

14: _____

15: _____

16: _____

17: _____

18: _____

19: _____

20: _____

Student's Name : _____

(In case the pages are separated.)

Data Collection:

Record the results on the T Chart below.

Independent Variable:	*Results / Measurement (remember to record your units)*
Test #1	
Test #2	
Test #3	

Graphing:

Please graph the data above, we suggest using a bar graph.

**Remember to name the graph, label your units, decide on a range, etc. We made a couple of notes to help you get started. Make sure it is beautiful, precise, clean and clear.*

Title: _____

Y Axis: Results / Measuremnets

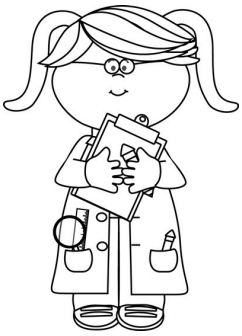
X Axis: Independent Variable / Tests

Student's Name : _____

(In case the pages are separated.)

Drawing CONCLUSIONS:

Examples: Which trial had the biggest results? Which had the smallest results? Which result was in the middle? Did anything suprise you?



REPORT: Was your hypothosis correct? Why or why not?

**Please use complete sentences.*

What would you do differently next time?

What additional questions came to mind regarding this topic?