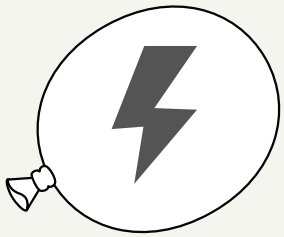
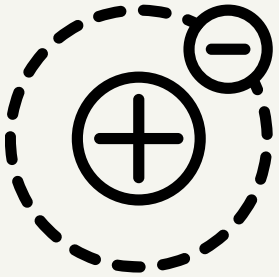
Scientist Name:_____Date of Data Collection:_____

Lab Report:
Exploring Static Electricity



Background Information:

All physical objects are made up of something called _____. Look at a balloon. We see a balloon but what we don't see is that the balloon is made of many tiny atoms. Inside each atom are even tinier things we can't see, called _____ and _____. Protons have a _____ charge. Electrons have a _____ charge. Positives and negatives are _____. Opposite charges are attracted to each other and cause something called _____ _____. Even when not physically touching, fields exist between objects exerting force on each other. For example, the _____ has gravitational pull on the _____ which produces tides like a balloon charged with static _____ has an effect on surrounding objects.

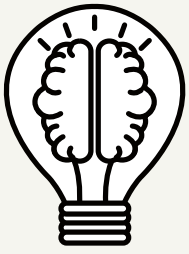
Proton Electron Atom 

Essential Question:

What do we want to learn from our experiment?

_____

_____



Hypothesis:

I think _____will _____

because _____.

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Data: Draw your observations and use arrows and + - to show forces exerted on each object.

Station 1	Station 2
Station 3	Station 4

Results/Conclusion:

Construct an argument defending that fields exist between objects even when they might not be physically touching. Give examples.