


Use information from your classmates' whiteboards to fill out the chart in NB entry 7

Investigation 1 Wrap up

L, R, 1
 2nd hour

Activity 1



What did we do?
 We watch a video on how the van de graaff and aluminum pie plates interacted

What did we observe?
 We observed that the smaller pie plates flew off the VDG faster than the medium and larger pie plates

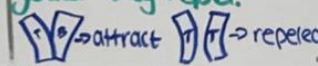
What do we know?
 We know the smaller plates are less dense than the bigger plates because they flew off quicker

Activity 2

What did we do?
 We took 2 pieces of tape and charged them with our fingers (+ & -)

What did we observe?
 When we pulled the 2 tape pieces apart they were charged. We saw that when we put + & - together they attracted and when the + and - were put together they repelled.

What do we know?
 We know when two opposite charges come together they attract and when two of the same charges come together they repel.



Activity 3

What did we do?
 We took a water bottle and rubbed it with fur and silk

What did we observe?
 we observed that when we rubbed the bottle it became charged. ALSO, that uncharged objects do not interact.


What do we know?
 We know that when a bottle is charged and you put something neutral close to it they attract but do not attract as fast as a positive and negative charge.

Activity 4

What did we do?
 We took a balloon rubbed it with wool and two pieces of tape labeled top and bottom

What did we observe?
 The T tape was positive and attracted to the balloon that was negative and the B tape repelled to the balloon.

What do we know?
 The balloon is negative and the T tape is positive and the B Tape is negative.



1st Hour

Andrews
Lesian
Avin
Marena

A1

A2

A3

A4

What did we do?

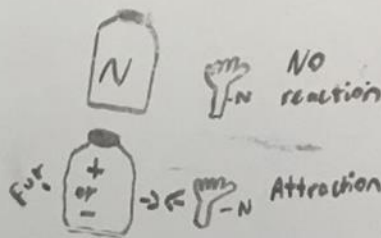
The VDE₁ made the pie pans fly off when it was turned on.

We pulled apart two pieces of tape and the opposites attracted.

We charged a bottle with fur and it would attract with a neutral charged hand.

We experimented with the tape and found out that the top is positive and B negative.

What did we observe?



What did we know.

alike charges = repulsion
unlike charges = attraction

a neutral + charged = attraction

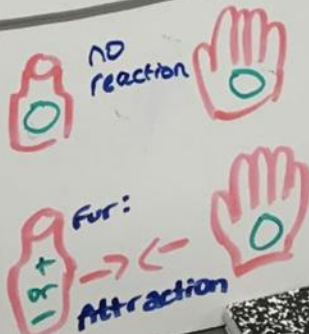
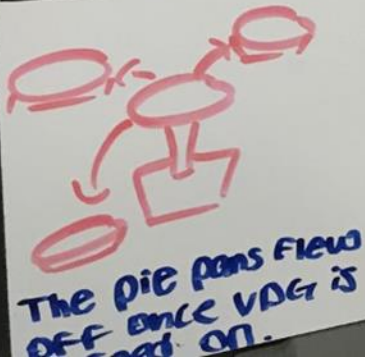
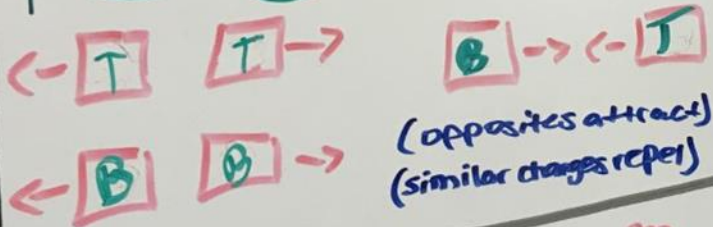
1st hour

What did we do?

- We did many labs with positive, negative and neutral charges
- Tape simulation • VDG & Pie pans Lab
- Bottle & fur • Balloon with silk & fur lab

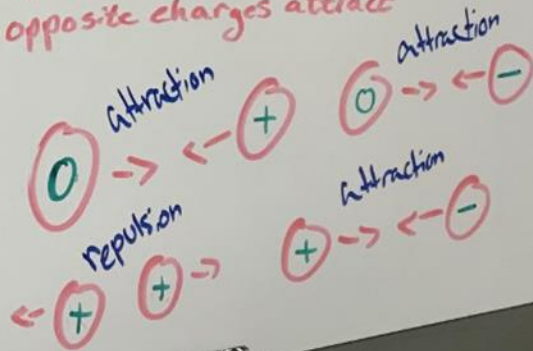
Savannah S.
Ange M.
Javier M.
Philip C.

What did we observe?



What do we know?

- like charges repel each other
- Neutral attracts to - and +
- opposite charges attract



Shylar Barrons Angela Matthews April Alexander Carlos R. 3rd hour

Investigation 1 wrap up

Why do some things stick together?
others don't?



What did we do?

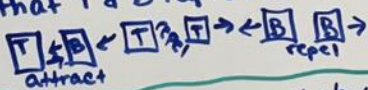
We did 5 activities that involved testing charged objects & if they attract or repel.

We also rubbed a balloon w/ fur.

We also put 2 pieces of tape together & pulled them apart.

What did we observe?

We observed that T & B tapes attracted & 2 T's repelled & 2 B's repelled also.



Rubbing the wool on the balloon negatively charges it.



What do we know?

We know that two like charges repel and two opposite charges attract.

We know that neutral objects are attracted to charged objects.

We know that objects need "right" charge to stick together.

Lab St

8