Meiosis and Fertilization Computer Lab!!!!!



1st Activity: Write down the chosen female and male traits. One allele for each **chromatid**.

 Mother Father

























2nd Activity. Choose one parent from the parent pool. Then hover over the chromatids. Draw and write thee traits you see before and after \_\_\_\_\_\_\_\_\_\_\_\_\_\_ has taken place. Can you guess what the blank is?

Parent chosen:

Before After

Challenge 1: Match the chromosomes from father and mother to create the two offsprings as seen on lab.

When an egg and sperm meet, they produce \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. This is done doing what process? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What traits do the mother carry? Hover over chromatids.

What traits do the father carry? Hover over chromatids.

Challenge 2: Pick the mommy.

Explain how you picked the mommy. Talk about traits and process of elimination or draw a Punnett square.

Challenge 3: Mix & Match

What were you able to do when you pressed swap?

This is known as what\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. When you did it correctly it told you the word.

Note what you **crossed over** with each parent and the end results for the offsprings.