Catalyst:

Have you seen someone who looks a lot like one parent but not the other? Or an aunt or uncle but not their parents? Why do you think this is?

Reflection:

32L

Baby Face Lab 1/17/17

Monster Mash Lab

What traits will you pass down to your baby? Working with a partner, you will be determining which traits each parent will pass down to your monster baby!

1.) With your partner, choose who will be the "mom" and who will be the "dad"

"Monster Mom": _____ "Monster Dad": _____

Circle one allele for mom, and one allele for dad for each trait.

2.) Each "parent" will flip a coin for **each trait** to determine if you will pass down a Dominant or Recessive allele to your baby.

Heads	**Tails**
Dominant Allele	**Recessive allele**
(Capital letter)	(Lowercase Letter)

3.) Write down the **genotype** of your baby. (What alleles will your child have? Look at the two circled alleles, and write them down in the box **"Genotype of Baby"**)

Example: **Mom: X Dad: x Baby: Xx**

4.) Look at the chart at your desk. Write down the **phenotype.** (What traits will your child have?)

*My monster will be a _____

***(Flip 1 coin: HEADS: GIRL or TAILS: BOY)

32R

CONGRATULATIONS!

❧

You are now the parents of a baby….

CONGRATULATIONS!

Use your worksheet and the handout chart to figure out what your baby will look like.

Tasks Today

1. Use the coin to determine each trait
2. Figure out the phenotype from your baby's genotype
3. Draw what your baby will look like.

Catalyst:

Have you seen someone who looks a lot like one parent but not the other? Or an aunt or uncle but not their parents? Why do you think this is?

Reflection:

Did the baby look like its monster parents (who had only dominant phenotypes)? Why /why not?

32L

Monster Mash Lab

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1) With your partner, choose who will be the "mom" and who will be the "dad"

"Monster Mom": _____   "Monster Dad": _____

Circle one allele for mom, and one allele for dad for each trait.

2) Each "parent" will flip a coin for **each trait** to determine if you will pass down a Dominant or Recessive allele to your baby.

3) Write down the **genotype** of your baby. (What alleles will your child have? Look at the two circled **alleles**, and write them down in the box "**Genotype of Baby**") Example: **Mom: X Dad: x Baby: Xx**

4) Look at the chart at your desk. Write down the **phenotype**. (What traits will your child have?)

Heads	Tails
Dominant Allele	**Recessive allele**
(Capital letter)	*(Lowercase Letter)*

*My monster will be a _____

***(Flip 1 coin: HEADS: GIRL or TAILS: BOY)

32R