

Hot Syncs Week of 10/10

# Welcome To 7<sup>th</sup> grade Life Science!

Mrs. Winters

## Materials Needed

### Today

Please take these materials out of your backpack.

- Pencil
- Colored Folders
- Final Dragon Genetics Project

## Hot Sync

10/10/16

Answer the following questions in **complete sentences** on your hotsync paper.

- 1) What have you found most interesting so far in dragon genetics? (since the first packet)

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## Hot Sync

Tuesday 10/11/16

Answer the following questions in **complete sentences** on a BLANK sheet of paper.

- 1) Using words describe the Meiosis that occurs to create a sperm or an egg.
- 2) How does this account for diversity and uniqueness in species?

# Family's Name (last name)

## Dragon Genetics

Mom: Name



Genotype: \_\_\_\_\_

DRAGON GENOME – DECODING OF THE GENES

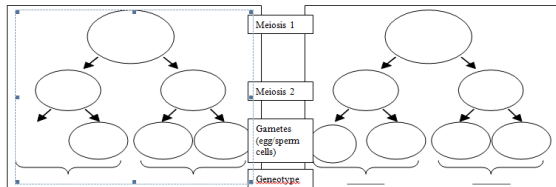
Chromosome	Dominant Alleles		Recessive Alleles	
	Allele (Letter)	Phenotype (Trait)	Allele (Letter)	Phenotype (Trait)
#1	Skin Color			
	Scales or none			
	Breathes ...			
#2	Hom Type			
	Eye Color			

Dad: Name

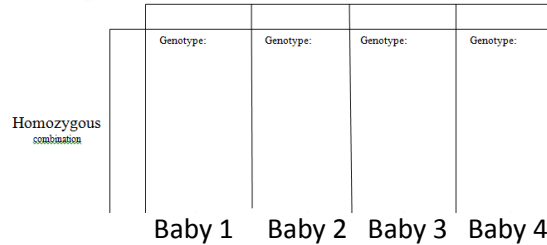


Genotype: \_\_\_\_\_

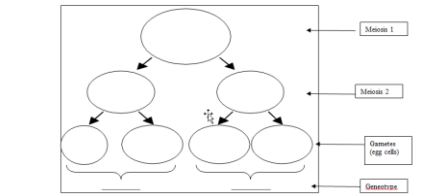
Meiosis—Mother's Egg Combinations



Heterozygous combinations



Meiosis—Father's Sperm Combinations



Baby 1: Name



Genotype: \_\_\_\_\_

Baby 1: Name



Genotype: \_\_\_\_\_

Baby 1: Name



Genotype: \_\_\_\_\_

Baby 1: Name



Genotype: \_\_\_\_\_

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## Hot Sync

Wednesday 10/12/16

Answer the following questions in **complete sentences** on a BLANK sheet of paper.

- 1) Write your partners name for the dragon genetics project. Give them a letter grade based on their effort, Circle the letter, then explain why you gave them that grade.
- 2) Do the same procedure for yourself!



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## Hot Sync

Thursday 10/13/16

Answer the following questions in **complete sentences** on a BLANK sheet of paper.

- 1) If you could choose 3 traits your child would have, what would your top three traits be and why?

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## Hot Sync

Friday 10/14/16

Answer the following questions in **complete sentences** on a BLANK sheet of paper.

- 1) What are your thoughts so far on the film we started watching yesterday? (2 sentences)