DECODING THE DRAGON

GREEN AUTOSOME

GENOTYPES		PARENT ALLELES IN		BABY DRAGON - TRAITS	
Mom	Dad	Egg	Sperm	Genotype	Phenotype

RED AUTOSOME

GENOTYPES		PARENT ALLELES IN		BABY DRAGON - TRAITS	
Mom	Dad	Egg	Sperm	Genotype	Phenotype

ORANGE AUTOSOME

GENOTYPES		PARENT ALLELES IN		BABY DRAGON - TRAITS	
Mom	Dad	Egg	Sperm	Genotype	Phenotype

YELLOW AUTOSOME

GENOTYPES		PARENT ALLELES IN		BABY DRAGON - TRAITS	
Mom	Dad	Egg	Sperm	Genotype	Phenotype

BLUE AUTOSOME

GENOTYPES		PARENT ALLELES IN		BABY DRAGON - TRAITS	
Mom	Dad	Egg	Sperm	Genotype	Phenotype

SEX CHROMOSOME

GENOTYPES		PARENT ALLELES IN		BABY DRAGON - TRAITS	
Mom	Dad	Egg	Sperm	Genotype	Phenotype

READING QUESTIONS

Directions: Using your notes, answer the following questions in complete sentences.

1. Define Mendel's Law of Segregation.

2. Define Mendel's Law of Independent Assortment.

3. Relate Mendel's Laws to the activity (when and how did you model Laws of Segregation and Independent Assortment during the activity).

4. What is the difference between sex-influenced traits, sex-limited traits, and sex-linked traits (what chromosome do they occur on and how are they expressed)?

5. What are codominant traits, and how are they expressed?

6. Fangs are a recessive trait, yet most dragons have fangs, why?