

Dragon Genetics Project Guidelines & Rubric

Task:

Your task is to create a baby dragon. You and your partner will be the parents of the baby dragon. Using what you know and have learned about heredity in this unit, you will assemble a photo album booklet to present your baby dragon phenotype and genotypes. What is to be included in this photo album booklet is listed/described below.

Poster	Description	Points
1. Key Details	Includes the following items on the poster: <ul style="list-style-type: none"> Title of Project Name 	_____/2
2. Parent Dragons	The genotypes & phenotypes of the parents are completely filled out	_____/10
	The genotypes & phenotypes of parents are glued/taped on the poster	_____/2
3. Baby Dragon	The genotype and phenotype of the baby dragon are completely filled out.	_____/10
	The genotypes & phenotypes of baby dragon are glued/taped on the poster.	_____/2
	Drawing of Baby Dragon illustrates phenotypes described.	_____/12
4. Punnett Square	One trait was selected to complete a punnett square crossing the parents' traits and determined the genotype of the baby dragon.	_____/6
5. Analysis Questions	Answer all the analysis questions posed and provides appropriate answer and is complete. Each question is worth 2 points.	_____/12
6. Reflection	Reflection Questions are answered and complete. Each question is worth 2 points.	_____/4
SUB-TOTAL SCORE	Overall Comments	_____/ 60points
Partner Evaluation		
Name: _____		Name: _____
Score: _____		Score: _____

