	Monday (A) Meets: 8:15-9:00,	TUESDAY (B)* MEETS: 8:15-9:00,	WEDNESDAY (A) MEETS: 8:15-9:00,	Thursday (B)*	FRIDAY (A) ASYNCHRONOUS
	10:05-10:50, 12:30-1:15 Asynchronous:	12:30-1:15 ASYNCHRONOUS: 9:05-9:50, 1:20-2:05	10:05-10:50, 12:30-1:15 Asynchronous: 9:05-9:50, 10:55-12:25, 1:20-2:05	MEETS: 8:15-9:00, 12:30-1:15 ASYNCHRONOUS: 9:05-9:50, 1:20-2:05	
	9:05-9:50, 10:55-12:25, 1:20-2:05				
	Objective(s): SWBAT *calculate phenotypic and genotypic ratios from punnett squares *build their own punnett squares *differentiate between the genotypes	Objective(s): SWBAT *Build a cat in google sheets *Identitify correct genotype for desired phenotype *Recall genetics vocabulary	Objective(s): SWBAT *Build a cat in google sheets *Identitify correct genotype for desired phenotype *Recall genetics vocabulary	*Objective(s): SWBAT *Define vocabulary terms *Apply vocabulary terms given real-world scenarios *Calculate phenotypic and genotypic ratios	Objective(s): SWBAT *Discuss the beginnings and hisory of genetics *Make predictions about mutations and natural selection
P	Engage Students will briefly answer review questions over the previous lesson as a warm up	Engage Students will briefly review vocabulary using a fill in the blank activity in google sheets	Engage Students will briefly review vocabulary using a fill in the blank activity in google sheets	Engage Students will watch a tiktok video over acquired and inherited traits and discuss the difference between the two	Engage Students will review a timeline of genetics and complete a short activity for it
L	Explore Students will answer questions during the Pear Deck lesson and practice applying the genetics	Explore Students will discuss certain traits in cats and how some may be sex-linked or co-dominant	Explore Students will discuss certain traits in cats and how some may be sex-linked or co-dominant	Explore Students will answer review questions through Pear Deck	Explore Students will use online simulations to preview natural selection and punnett squares
A	vocabulary Elaborate Students will watch an amoeba sisters video over punnett squares, and a bried TedEd video over the history of punnett squares	Explain Students will follow a pear deck lesson discussing how some cat traits are a result of mutations Elaborate Students will choose a cat from Petfinder.com and use the genotypes for the traits	Explain Students will follow a pear deck lesson discussing how some cat traits are a result of mutations Elaborate Students will choose a cat from Petfinder.com and use the genotypes for the traits	Elaborate Students will complete a self evaluation survey over the unit and which parts they feel confident in/need help in.	Explain Students will practice relating DNA, heredity, and natural selection by answering some practice questions Elaborate
		discussed to "build" their own cat in google sheets	discussed to "build" their own cat in google sheets		Students will watch an EdPuzzle video about CRISPR technology

N	Evaluate and Summary Student participation in Pear Deck	Evaluate and Summary Students will provide answers in chat for the vocabulary activity, answer questions during the Pear Deck, and turn in their finished cat to google classroom	Evaluate and Summary Students will provide answers in chat for the vocabulary activity, answer questions during the Pear Deck, and turn in their finished cat to google classroom	Evaluate and Summary Student participation in Pear Deck	Evaluate and Summary Student answers on their copies of the google slides presentation
Resources:	Pear Deck	Pear Deck, Google Sheets	Pear Deck, Google Sheets	Pear Deck, Google forms	Google slides, EdPuzzle, PHET simulation