A colossal CONSERVATION EXPERIENCE

+

Name: _____ ////////////////////////////

PHENOTYPE GENERATOR

1.) Working as a pair, decide who will be Parent 1 and Parent 2. Both "parents" roll their dice together.

2.) The combination of dice (odd or even) will determine the traits of the pup.

3.) Circle the traits for your pup based on the combination of odd or even numbers rolled.

4.) Repeat the process to determine the traits for your partner's pup.

5.) Each student should have a unique pup. Once you have created your pup, you will become that pup for the next activity with Darya!   +

Circle Your Pup's (Traits) Below

	if PARENT 1 rolls a number	+	if PARENT 2 rolls a number	=	your pup's phenotype will be:	Draw your wolf pup below:
Fur Color	Odd	+	Odd	=	White	
	Even	+	Even	=	Black	
	Odd	+	Even	=	Light Gray	
	Even	+	Odd	=	Dark Gray	
	if PARENT 1 rolls a number	**+**	**if PARENT 2 rolls a number**	**=**	**your pup's phenotype will be:**	
Eye Color	Odd	+	Odd	=	Yellow	
	Even	+	Even	=	Brown	
	Odd	+	Even	=	Orange	
	Even	+	Odd	=	Hazel	
	if PARENT 1 rolls a number	**+**	**if PARENT 2 rolls a number**	**=**	**your pup's phenotype will be:**	
Behavior	Odd	+	Odd	=	Very fearful of humans	
	Even	+	Even	=	Fearful of humans	My pup has _____ fur,
	Odd	+	Even	=	Friendly towards humans	_____ eyes,
	Even	+	Odd	=	Very friendly towards humans	and is _____.