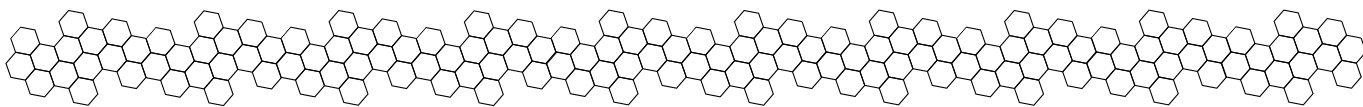


BEE HOME EXPERIMENT

Name: _____

PART 1



PREDICTION, HYPOTHESIS, METHODS



1. What is the key variable that will be different between the bee houses?

2. What other abiotic or biotic characteristics of the habitat do you think might impact the use of the homes by bees?

3. What are some controls in this experiment (What's being kept the same between the two dif. groups of houses)?

4. Write your prediction for the experiment. Which bee houses will be used more?

5. Write your hypothesis (explanation) for why you think your prediction will be true:

6. Briefly describe the methods you followed to set up your class experiment. Write your methods so that someone else could follow them. Numbered steps are a great way to represent your methods. Make sure you include: how many houses are used for the experiment, where they will be placed, how they will be hung, how the houses will look, and what variables will be measured (see below).

BEE HOME EXPERIMENT

Name: _____

PART 2

FILL IN THE TABLE BELOW WITH THE CLASS'S DATA WHEN THE HOUSES ARE HUNG.



House #	Experimental Group	Location (GPS)	Height (cm)	Direction Opening Faces (N, S, E, or W)	# of Tubes in House	Other Notes & Observations
Group 1	Bright Color	____ °N, ____ °W,				
Group 2	Bright Color	____ °N, ____ °W,				
Group 3	Bright Color	____ °N, ____ °W,				
Group 4	Bright Color	____ °N, ____ °W,				
Group 5	Natural Color	____ °N, ____ °W,				
Group 6	Natural Color	____ °N, ____ °W,				
Group 7	Natural Color	____ °N, ____ °W,				
Group 8	Natural Color	____ °N, ____ °W,				