Symbiosis
Types of Relationships

I can describe the different ways organisms interact with each other.

1) What is symbiosis?

2) Why would organisms choose to live together?

3) What is a predator/prey relationship? Give one example.

4) What is mutualism? Give one example.

5) What is commensalism? Give one example.

6) What is parasitism? Give one example.
YOUR TASK:
SYMBIOSIS WANT AD

BACKGROUND: Relationships aren’t always love-love in biology, nor are they always love-hate. Relationships among organisms can take on many different meanings. Coevolution is the result of an association between two species in which they evolve together and develop such a close relationship that one needs the other for survival. If both organisms benefit from the relationship, it’s called mutualism. If one benefits, and the other gets nothing, it is called commensalism. However, if one organism benefits while the other is harmed then the relationship is considered parasitism.

WHAT TO DO: Create a classified advertisement/want ad for a job opening in which an organism in a symbiotic relationship is looking for the other organism. The ad should be based on mutualism, parasitism, or commensalism. The ad should be from the point of view of the organism that benefits from the relationship (for example, if the relationship is an example of parasitism, the organism getting harmed wouldn’t be seeking out the organism that would harm it). The ad can be done as a PowerPoint presentation, brochure, newspaper ad, magazine ad, poster, prezi presentation, glogster, etc.

HEADLINE DESCRIBING JOB – You must have AT LEAST the following:
- Catchy headline to grab attention
- A line describing your relationship (mutualism, parasitism, commensalism)
- A line about who you are and the qualities you possess
- A line about the type of organism you need for the job (Qualifications)
- A line about why you need this service
- A line describing what you will give the organism in return for his or her service

PICTURE ACCOMPANYING ADVERTISEMENT – You must have AT LEAST the following:
- A picture showing you, the organism in search of the other organism
- A picture showing the organism you are in search of
- A picture showing the two of you together in your symbiotic relationship (can be hand drawn)
- Neat and Colorful

Be creative!! Your final project is due at the end of class and is worth 30 points.

Please hold onto your notes and hand in only your project. 😊