**Vocab for unit 3: Cell Energy Due \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

This assignment counts as a quiz grade.

**Compare and contrast.** *Do not just write the definition. I am looking for you to compare and contrast the 2 terms*

1. Endothermic/exothermic
2. Catalyst/ enzyme
3. Organic/ not organic
4. Polar/non polar
5. Carbohydrates/fats (lipids)
6. Product/reactant
7. Photosynthesis/cellular respiration

**Proteins** *For the following proteins, look them up, define what they are, describe what they do, draw a picture of them, name one example from human bodies.*

1. Structural proteins
2. Transport proteins
3. Hormone protein
4. Contractile protein
5. Enzymatic protein

**Discussion and research**: *using a complete paragraph, pick 2 of the 3 questions below and answer them. You will need to look up some information, please list your resources.*

1. Name organisms that don’t use the sun as a direct or indirect source of energy. What do they eat? Where do they live? What are their predators?
2. What is lichen? How are they different than a plant? Where can you find them? What are their predators?
3. Humans have found a way to become photosynthetic. List 3advantages and 3 disadvantages to this new news. Would you want your children to be one of the lucky people that might be photosynthetic?

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