**STUDENT FRIENDLY LEARNING TARGET: I CAN analyze data to describe & predict changes in an ecosystem caused by interactions among organisms & changes in the environment and CAN develop a model describing the flow of energy in an ecosystem.**

The following statements are how to achieve \***Advanced** or \***Meets** for this Learning Target:

 Identify the following from pictures: organism, population, community, ecosystem

 Identify and name biotic and abiotic parts when shown a picture.

 Compare and contrast an organisms’ niche and habitat.

 Interpret and analyze a food web and an Energy Pyramid

 Describe organisms’ interactions with each other using the following words: mutualism, commensalism, competition, parasitism.

 Interpret, analyze and explain a graph showing a change in a population over time.

 Interpret and analyze graphs that show population changes among predator and prey.

To achieve \*\***MASTERY** for this Learning Target you need to correctly answer \_\_ of the \_\_ questions regarding the above checkboxes **AND** be able to correctly and thoroughly complete the checkboxes below.

 Interpret and analyze a food web if there were a change in one or more of the organisms.

 Draw and label a food web.

 Interpret and analyze a graph showing changes in populations.