

Essential Question: What are the characteristics & structures of living things?

Activity 2 – The Organization of the Living Universe

Purpose: To be able to understand and explain to others the organization of the universe.



Clown Anemone Fish

Background:

Earlier in the year we learned in the “What is Science” presentation that Science is a concerted human effort to understand the history of the natural world and how it works.

One of human’s special talents is to organize life in a way that is meaningful and we have.

In this section you will explore how the living universe is organized.

Instructions: Please go to the [Order in the Universe](#) prezzi

- Run the prezzi & write down the levels in order through Population.
- In the next column give actual examples of things at each level. (Ex: Atom = Hydrogen atom)

Data Table 1 – Levels of Organization of Life in the Universe.

Level	Name	Give at least one example at this level CH=2 examples
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		

Microbes aren't on our bodies just for the ride. We have a special relationship with them. We give them a place to live - they help keep us alive by getting vitamins & nutrients from food, and do many other tasks.

Student Review: 1-Below Standard, 2-Approaching Standard, 3-Standard, 4-Above Standard
Use the scale to evaluate completeness & correctness of the job. Put score, Initial & date in boxes.

Score

Initial/Date

Your task: Use the information and your examples from Data Table 1 and create a systematic, colored, graphic display showing the Organization of the Living Universe below. **Choose a title.**

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