

Pyramid of Ecology

- Left Side:** Label it **Primary Succession**. Draw a sequence picture illustrating the conditions that primary succession occurs. Show process arrows to show succession. Label the stages.

Right Side: Label it **Primary Succession vs. Secondary Succession**. Describe/illustrate differences between their processes and conditions under which they occur.

Bottom: Label it **Grasshopper Effect**. Explain the process. Then explain how it affects our Earth as an individual.
- Left Side:** Label it **Food Chain**. Define it and create an original food chain and display it here. (4 organisms minimum)

Right Side: Show a biomass, energy, and number pyramid for the same organism from the food chain you displayed.

Bottom: Label it **Food Web**. Define it and create and original food web and display it here. (7 organisms minimum)
- Left Side:** Label it **Carbon Cycle**. Draw it or use labels to explain the process.

Right Side: Label it **Nitrogen Cycle**. Draw it or use labels to explain the process.

Bottom: Label it **Water Cycle**. Draw it or use labels to explain the process.
- Left Side:** Label it **Density-Dependent Limiting Factors**. State the five density-dependent limiting factors. Provide an explanation, description or example for each type given.

Right Side: Label it **Density-Independent Limiting Factors**. Define or explain density-independent limiting factors. List as many as you can.

Bottom: Label it **Symbiosis**. Define it and state three types. Provide an example or description for each type.