**Ecosystems Interactions and Energy: LS2 Name: Dessa Sahpiro**

| **Vocabulary Word** | **Definition**: Come up with your own composite definition in your own words which is meaningful to **you**. Pull from multiple sources if need be. DO NOT copy something from the glossary and move on. | **Diagram or Contextual Anchor:** Draw (yes hand draw!) a diagram or picture that anchors this word for you so you can recall the word and it’s meaning. |
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| Population density | the number of people living in each unit of area expressed as number of people per square kilometer or square mile. |  |
| Population dispersion | the spatial relationship between members of a population within a habitat and can be expressed in one of three basic patterns: uniform, random, or clumped. |  |
| Population dynamics | A group of organisms that change over time, growing or shrinking according to the reproductive success of its members |  |
| Demography | the science of vital and social statistics, as of the births, deaths, diseases, marriages, etc. of populations.which illustrate the changing structure of human populations. |  |
| Survivorship curves | A curve on a graph showing the number or proportion of individuals surviving to each age for a given species or group. |  |
| Exponential population growth | A type of growth shown When resources are unlimited and populations exhibit unlimited growth. |  |
| Logistic population growth | A type of growth when expansion decreases as resources become scarce. It levels off when the carrying capacity of the environment is reached. |  |
| Carrying capacity | the maximum, equilibrium number of organisms of a particular species that can be supported indefinitely in a given environment without environmental degradation. |  |
| Limiting factors | The environmental factor that is of predominant importance in restricting the size of a population |  |
| Density dependent factors | A factor limiting the size of a population whose effect is dependent on the number of individuals in the population |  |
| Density  independent factors | A factor limiting the size of a population whose effect is not dependent on the number of individuals in the population |  |
| Sustainable agriculture | meeting society's food and textile present needs with any of a number of environmentally friendly farming methods that preserve an ecological balance by avoiding depletion of natural resources. |  |
| Overpopulation | the condition of having a group of organisms of the same species inhabiting a given area with excessively large numbers. |  |
| Mass-starvation | The starvation of a large proportion of a region's population due to drought, warfare, famine or similar events. |  |

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