Chapter 3 Vocab



**Food chain**



**Food web**





community

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| Chapter 3.1 -3.3 The Biosphere | ecology | Chapter 3.3--3.4 Energy Flow and Cycles of Matter, 4-2 Community Interactions | Ecological pyramid |
| biome | 10% rule |
| Biotic factor | biomass |
| Abiotic factor | biomagnification |
| autotroph | Biogeochemical cycle |
| Primary producer | transpiration |
| heterotroph | Nitrogen fixation |
| decomposer | denitrification |
| detritivore | Limiting nutrient |
| phytoplankton | eutrophication |
| zooplankton | habitat |
| saprotroph | niche |
| Trophic level | Competitive exclusion principle |

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| Chapter 4-2 Community Interactions; 4-3 Succession; 5-1 Populations | predation | Chapter 5-2, 6-1 Limits to Growth | Density-dependent limiting factor |
| Keystone species | Density-independent limiting factor |
| symbiosis | Invasive species |
| Pioneer species | monoculture |
| Ecological succession | biodiversity |
| Primary succession |  |
| Secondary succession |  |
| Population density |  |
| emigration |  |
| Exponential growth |  |
| Logistic growth |  |
| Carrying capacity |  |
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