**Food webs**

**Objective**: Analyze how energy flows through an ecosystem.

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| Plants &AlgaeAnimals, Fungi, Bacteria | **Energy** enters an ecosystem through the process of photosynthesis and is passed through the system as one organism eats and is, in turn, eaten. **Food chains** are representations of how energy is passed.  The arrow points in the direction the **energy** moves. https://lh5.googleusercontent.com/U6s-OH1l_i6ivdB5I8iycYLW5Kx931EPtGlHOcwiwoNA5kr2pgEocyTJcXBXMde35niQpNhY_S3CowINSwbaB2j53WgFOGoRedG24z9QMQOuz58Evjf_pE5wJA**Producers*** perform photosynthesis
* basis of food webs
* examples: grass, algae, trees

**Consumers*** obtain energy by eating other organisms
* some consumers hunt (**predators**) other consumers for food (**prey**)
* examples: rabbit, eagle

**Decomposers*** break down dead organisms
* examples: fungi, bacteria, worms, flies

**Food webs** are more realistic representations about how energy passes through an ecosystem. |



**Summary:** *How does energy flow through ecosystems?  Use the vocabulary words from the notes in your answer.  Write in sentences!*