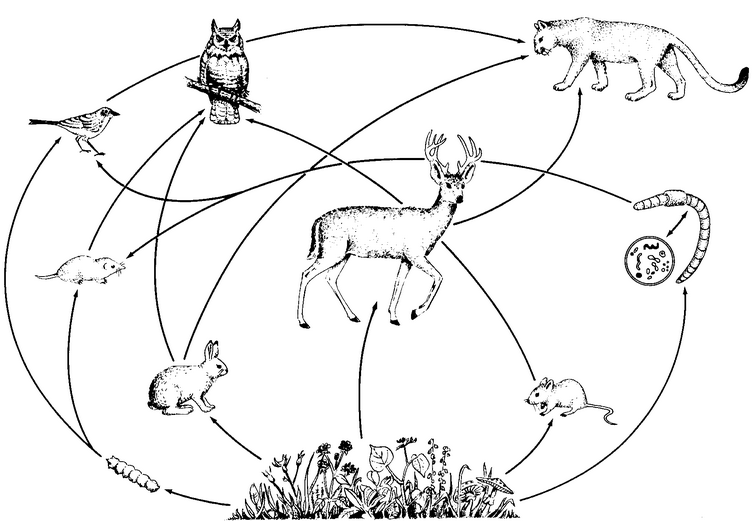
**Food webs**

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

|  |  |
| --- | --- |
| Plants &  Algae      Animals, 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!*