

**Freshwater Ecology**  
**Power Standards**

FE1A	All populations living together within a community interact with one another and with their environment in order to survive and maintain a balanced ecosystem.
FE1B	Living organisms have the capacity to produce populations of infinite size, but environments and resources are finite.
FE1D	The diversity of species within an ecosystem is affected by changes in the environment, which can be caused by other organisms or outside processes.
FE2A	As energy flows through the ecosystem, all organisms capture a portion of that energy and transform it to a form they can use.
FE3C	Natural selection is the process of sorting individuals based on their ability to survive and reproduce within their ecosystem.
FE2B	The hydrosphere is composed of water (a material with unique properties), gases and other materials.
FE1D	Climate is a description of average weather conditions in a given area over time.
FE2E	Changes in the form of water as it moves through Earth's systems are described as the water cycle.
FE3A	Earth's materials are limited natural resources affected by human activity.

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