

Canadian Ecosystems & Species

Food Web Activity

Materials: [Canadian Ecosystems and Species](#)

Ecosystems Included:

Boreal Forest	Freshwater Lake	Prairie Grassland	Wetland	Ocean
Spruce, Hare, Squirrel, Owl, Wolf	Water Lily, Beetle, Frog, Bass, Duck	Prairie Grass, Grasshopper, Ground Squirrel, Fox, Hawk	Cattail, Mosquito, Dragonfly, Frog, Heron	Phytoplankton, Zooplankton, Salmon, Sea Otter, Orca

How Students Discover Their Ecosystem:

1. Each student receives one species card.
2. Students circulate asking:
 - What do you provide? (in some cases)
 - What do you eat?
 - Who eats you?
3. Students form ecosystem groups of five connected species. Some species might be in more than one ecosystem.
4. Groups create a food web using hand connections.
5. Groups explain how they are connected in their system.

Indigenous Perspectives

- Land and water are living relatives that require respect and reciprocity.
- Seasonal cycles guide harvesting, stewardship, and biodiversity knowledge.
- Many species (e.g., salmon, wolf, spruce) hold cultural and teaching significance.

UN Sustainable Development Goals (SDGs):

- **SDG 6** - [Clean Water and Sanitation](#)
- **SDG 13** - [Climate Action](#)
- **SDG 14** - [Life Below Water](#)
- **SDG 15** - [Life on Land](#)

Discussion Prompts:

- Where does energy begin in your ecosystem?
- What happens if one species disappears?
- How do human actions impact this ecosystem?
- How can we act as stewards of this land and water?