In order to provide you and your class with a useful and enriching learning experience CPAWS has designed its *Grade 7 Discover Parks!* program to cover the following curriculum requirements:

**Science Unit A: Interactions and Ecosystems**

Develop awareness of ecosystem components and interactions, as well as natural cycles and processes of change. Become aware of the intended and unintended consequences of human activity, and recognize the need for responsible decision-making and action.

After participating in these two presentations, students should be able to:

- Describe relationships between humans and their environments, identify related issues and scientific questions
  - Illustrate how life-supporting environments meet the needs of living things for nutrients, energy source, moisture, suitable habitat and exchange of gases.
  - Describe examples of interaction and interdependency within an ecosystem.
  - Identify examples of human impact on ecosystems, investigate and analyze link between the impacts and the human wants and needs that give rise to them.
- Analyze personal and public decisions that involve consideration of environmental impacts, and identify needs for scientific knowledge that can inform those decisions.
- Trace and interpret the flow of energy and materials within an ecosystem
  - Analyze ecosystem to identify biotic and abiotic components and describe interactions among these components.
  - Analyze ecosystems to identify producers, consumers, and decomposers to describe how energy is supplied to and flows through a food web.
- Describe the relations among knowledge, decisions and actions in maintaining life-supporting environments
  - Identify intended and unintended consequences of human activities within local and global environments.
  - Analyze a local environmental issue or problem based on evidence from a variety of sources, and identify possible actions and consequences.
- Engage in current affairs, issues and concerns of a local nature.

For more information, please visit www.cpaws-southernalberta.org/campaigns/education

Or contact us
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