IN THE KNOW ABOUT THE BOW
(Grade 8)

In order to provide you and your class with a useful and enriching learning experience CPAWS has designed its Grade 8 In The Know About The Bow program to cover the following curriculum requirements:

**Science Topic E: Freshwater and Saltwater Systems**

Come to appreciate the dynamic nature of freshwater systems and learn about the interaction of landforms, sediments, water and climate. Investigate factors that affect the distribution and health of living things in aquatic environments and the supply and quality of water for human use.

- Describe the processes of erosion and deposition resulting from wave action and water flow.
- Analyze factors affecting productivity and species distribution in freshwater environments.
  - Investigate life forms found in fresh water and salt water, and identify and interpret examples of adaptations to these environments.
  - Analyze relationships between water quality and living things, and infer the quality of water based on the diversity of life supported by it.
- Analyze human impacts on aquatic systems; and identify the roles of science and technology in addressing related questions, problems and issues.
  - Analyze human water uses, and identify the nature and scope of impacts resulting from different uses.
  - Identify current practices and technologies that affect water quality, evaluate environmental costs and benefits, and identify and evaluate alternatives.
  - Illustrate the role of scientific research in monitoring environments and supporting development of appropriate environmental technologies.
  - Provide examples of problems that cannot be solved using scientific and technological knowledge alone.
- 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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