

Conservation - Pre & Post Visit Activities

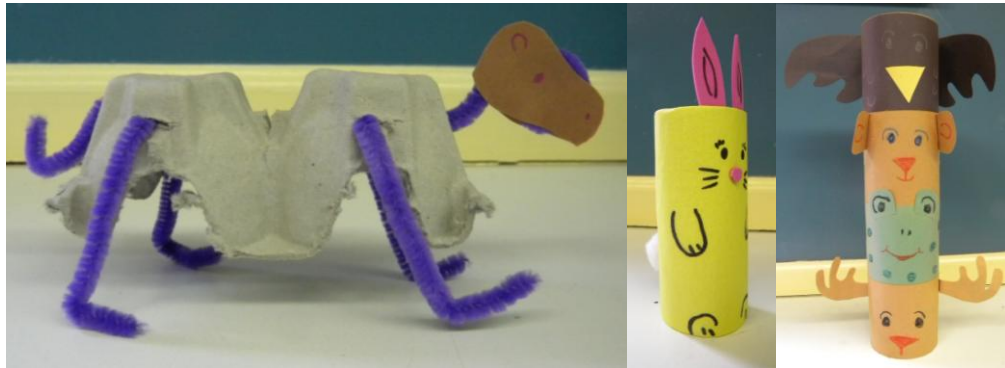
The following are optional activities that you may choose to do with your class to supplement their visit to the Greater Vancouver Zoo.

1. Conservation Projects Word Search

Have your students complete the conservation word search located on page two of this document to learn basic ways that they can conserve energy in their own environments.

2. Make crafts using recycled materials

Have the students bring in egg cartons, paper towel rolls, and toilet paper rolls from home to use as craft supplies in the classroom. This allows students to have fun and be creative while reducing the amount of paper in our landfills. Make Bactrian camels using egg cartons, pipe cleaners, and construction paper. Wrap toilet paper rolls in colored tissue paper and attach ears, tails, and other features to make whatever kind of animal you want. Paper towel rolls, construction paper, and markers can be used to make totem poles with various animals.



3. Build homes for local bird species

Build a bird house for the birds in your neighbourhood. Research what type of bird you want to attract, and figure out what its space requirements are (how big of a house it needs, and what size opening it needs on the house). Hang the house in a nearby tree and keep an eye on the house to see what type of birds take up residence! You can also hang bird feeders in the winter to feed any birds that don't migrate. It's important not to hang bird feeders in the summer though because it may prevent birds from visiting local plants and may affect pollination or seed distribution of local flora.

4. Participate in a local tree planting or park/shoreline clean-up

Planting trees and creating wildlife corridors is essential to help animals traverse across developed areas, because many small animals are unwilling to venture out into the open. There are also lots of groups who organize clean-up events of local parks and shorelines, and some companies even sponsor garbage bags and craft gloves so you can do the clean-up at no expense to you. These are great opportunities to get your students outside and making a difference in their community.

Conservation Projects Word Search

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| A | S | L | A | C | I | M | E | H | C | K | W | F | I | C | A | I |
| S | E | P | T | E | Y | D | E | G | A | C | G | A | R | D | E | N |
| B | R | D | U | A | C | E | N | E | R | G | Y | P | T | A | B | O |
| W | O | H | S | H | E | I | I | S | D | Z | H | I | D | E | P | F |
| M | H | U | B | T | L | F | M | U | R | J | S | F | M | L | R | I |
| U | M | G | P | C | E | E | R | P | O | L | L | U | T | I | O | N |
| A | D | O | Y | E | C | T | E | E | C | E | E | N | R | E | D | V |
| H | E | C | U | C | T | E | J | D | D | R | C | L | E | O | U | R |
| N | E | O | B | E | R | N | R | R | B | N | V | O | E | A | C | D |
| R | P | M | P | J | I | T | A | I | E | S | D | W | S | L | E | I |
| E | A | P | L | O | C | A | L | B | G | H | L | A | L | C | E | G |
| D | D | U | H | U | I | G | I | Y | A | K | O | N | I | L | E | Y |
| U | G | T | V | K | T | L | S | E | D | I | C | I | B | R | E | H |
| C | E | E | G | A | Y | N | T | E | S | U | E | R | M | A | W | D |
| E | C | R | P | R | T | E | C | L | N | R | H | O | B | L | E | E |

Search for the bolded words below in the above word search. The words may be found up, down, backwards, or diagonally.

- You can conserve **WATER** by turning off your faucets when you're not using them.
- **RECYCLING** your cell phone batteries at the zoo helps to prevent mining in animal habitats.
- Carpooling with friends to activities helps to reduce the amount of **POLLUTION** in the air.
- You can buy more energy efficient light bulbs around your home to conserve **ELECTRICITY**.
- Taking cloth bags to the grocery store helps to **REDUCE** the amount of plastic bags in landfills.
- When you're gardening, plant **LOCAL** species to discourage growth of invasive plants.
- Keeping your cats indoors helps protect local **BIRD** species.
- Ensure that electronics such as your **COMPUTER** monitor are turned off when you aren't using them.
- Buy local **PRODUCE** to reduce the amount of fossil fuels needed to get food to your grocery store.
- Use both sides of each piece of paper to prevent the need for cutting down **TREES**.
- Put on a sweater before you turn up a thermostat to use less **ENERGY** when heating your house.
- Pull out weeds instead of spraying **HERBICIDES** to reduce the pollution in soil and water.
- By planting a vegetable **GARDEN**, you can grow your own food and save both money and energy.
- Use natural cleaners, like vinegar, to prevent **CHEMICALS** from getting into the groundwater.
- **REUSE** items whenever you can instead of throwing them out and buying new ones.
- Wash your laundry in **COLD** water to save the energy required to heat the water.