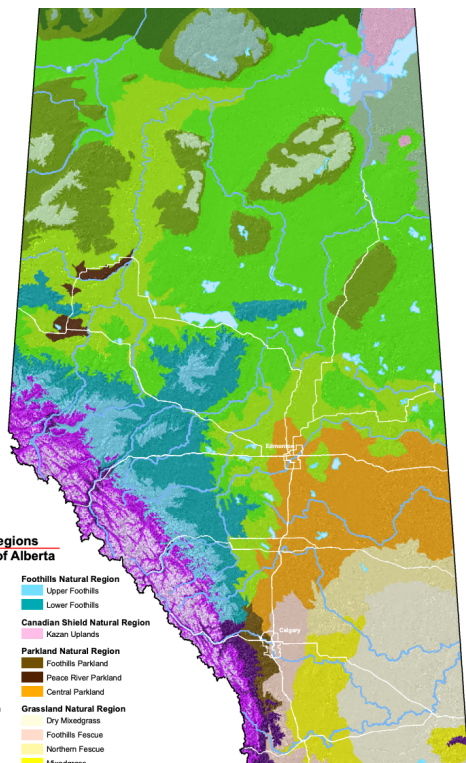




# 360 VIRTUAL TRIPS TO ALBERTA'S ECOREGIONS

## ECOREGION SCAVENGER HUNT

CREATE AN ACCOUNT AT [WWW.ALBERTATOMORROW.CA](http://WWW.ALBERTATOMORROW.CA)



## THE BASICS

**Time Required:** Approximately 10-20 min per Ecoregion (depending on age of students)

**Materials:** Computer with Internet Connection, Student Handout, Headphones (optional)

**Background Info:**

<https://www.albertaparks.ca/media/6256258/natural-regions-subregions-of-alberta-a-framework-for-albertas-parks-booklet.pdf>

## PROCEDURE:

STUDENTS MUST CREATE AN ACCOUNT AT [WWW.ALBERTATOMORROW.CA](http://WWW.ALBERTATOMORROW.CA) TO ACCESS THE 360 ECOREGION TOURS.

A biome is a large area characterized by its vegetation, soil, climate, and wildlife. Examples include grassland, desert or tundra.

Ecoregions are regional ecosystems with specific geography, climate, geology and soils, and representative plants and animals that make them unique from others.

Alberta has 6 natural ecoregions that can be further split into sub regions. For example, the grassland ecoregion can be divided into dry mixed grass, fescue grass, and mixed grass.

Since not everyone can travel to every corner of the province, the Alberta Tomorrow platform provides 360 Virtual Ecoregion Tours for you to explore. Remember to turn on the sound to get the full immersive experience.

For each ecoregion find all 9 icons. You may have to look around a bit, and maybe even up or down! You can zoom in and out to get a better look at the vegetation and features in each ecoregion. Have Fun!

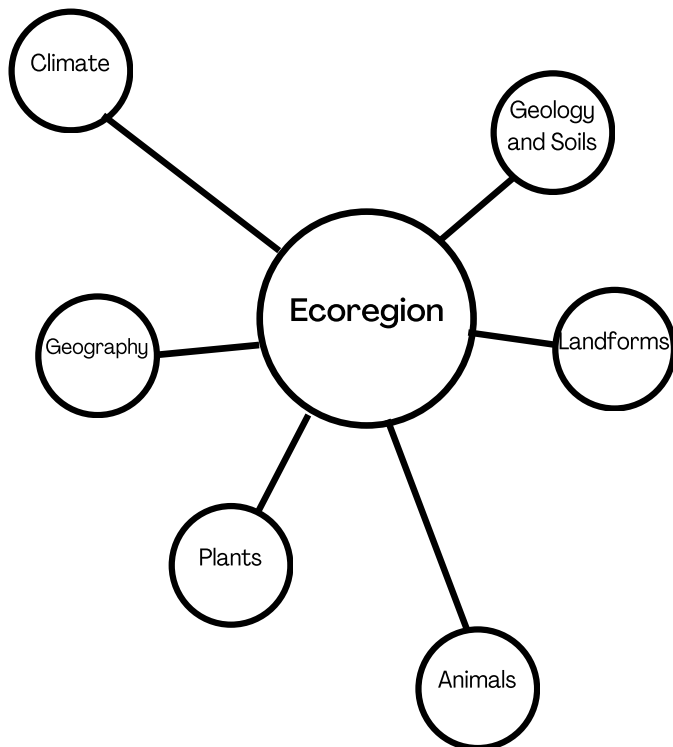
## CURRICULUM LINKS:

**GRADE 4- A SENSE OF THE LAND**  
**SCIENCE 10 - ENERGY FLOW IN GLOBAL SYSTEMS**  
**BIOLOGY 20 - ENERGY AND MATTER IN THE BIOSPHERE**

## OBJECTIVES:

- STUDENTS WILL DEMONSTRATE AND UNDERSTANDING AND APPRECIATION OF HOW GEOGRAPHY, CLIMATE, SOILS, GEOLOGY, PLANTS AND ANIMALS DEFINE A NATURAL ECOREGION.
- STUDENTS WILL IDENTIFY SPECIES AND RISK IN EACH ECOREGION

## ALBERTA'S NATURAL ECOREGIONS



A collection of factors make an ecoregion distinct. The combination of geography, geology, climate, soils, landforms, plants and animals create a distinct ecoregion.

Some ecoregions might have the same plants, or even animals, but they are still distinctly different than other ecoregions because of climate or landforms.

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### SCAVENGER HUNT: LOOK FOR THESE ICONS!



Geography



Landforms



Geology and Soils



Climate



Representative Plants



Representative Animals



Natural Resource Use



Species at Risk



Did you know?

In addition to the categories listed above, you will find icons for species at risk, "did you know" and resource development for each ecoregion.