

see what you're missing...

# Conserving the Wilderness of the Alberta Night Sky



## Looking for a unique and engaging learning opportunity for your grade six students?

Trees & Forests, and Animal Flight are explored together with Sky Science in a memorable program. This fun and completely hands on program introduces the vital importance of the stewardship of the dark night sky. The program is designed to define light pollution for students and importantly involves students in problem solving and solutions towards light pollution abatement.

The Ann & Sandy Cross Conservation Area and the Rothney Astrophysical Observatory have created a partnership that will inspire connections and a love of nature within the nocturnal environment. Students will visit both sites on a single date. The first stop is the ASCCA where through hands-on outdoor experiential learning programs, your students will learn about the majestic night sky. The next stop is the RAO. After a dinner break students will learn about the importance of dark skies to Astronomy.

The program focus is on the ecological importance of a dark sky. It is now recognized by the scientific community that the proliferation of outdoor lighting has a significant impact on the health and behaviour of wildlife and humans, including the disruption of natural circadian rhythms. Students will develop an understanding of how artificial light directly impacts them and the world. Students will learn about the interaction of wildlife in a forest ecosystem and their need for dark skies.

Please contact Jennifer Howse (403) 931-2366, or email [jhowse@phas.ucalgary.ca](mailto:jhowse@phas.ucalgary.ca) for more information or to book.