

# Intermediate Math & Science Project

This week we are going to be investigating how animals adapt to the changes of seasons, specifically winter. Migration is one type of animal adaptation. Migration is when animals move from one location to another due to the change of seasons so their survival needs can be better met.

For thousands of years, thousands of snow geese have migrated to Richmond from northern Russia. They migrate here in the winter because it is warmer for them and they can find food. For food, they use their beaks to dig up the roots of marsh plants along the river as well as the roots of grass. In 2017 it was estimated that between 108 000 and 112 000 snow geese migrated here. How do you think scientists track this information? What conflicts do you think snow geese cause in our community? What different perspectives do you think people have about the arrival of snow geese to Richmond every year? You can find more information about snow geese on the Richmond Nature Park website, clicking on the link for "Urban Wildlife in Richmond" and then on Snow Goose.

What other animals migrate for winter? Some examples in Canada are caribou, humpback whales, monarch butterflies, polar bears and whooping cranes. Choose an animal that interests you and research some interesting facts about that animal and its migration. Record your findings and include a map of the animal's migratory path.

At the end of the week, put all your project work together on one page to submit to your teacher.

I took these photographs of snow geese near Terra Nova in Richmond.

