

Binocular Digicam

These binoculars are great for field trips and viewing wildlife. Children can use the binoculars to make a record of the different wildlife they see. The ability to take an image of what you are viewing through the binoculars and download onto the computer opens-up new opportunities for project work, recording, discussion and analysis.

Tasks:

1. Here is potential for a project that could last all year:

	Sept	October	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Bird or Wildlife												

Look at the effects pollution can have on animals. This could start a conversation about global warming and the effect it has on things like migration.

Animals are beginning to behave differently because of the different patterns in the weather:

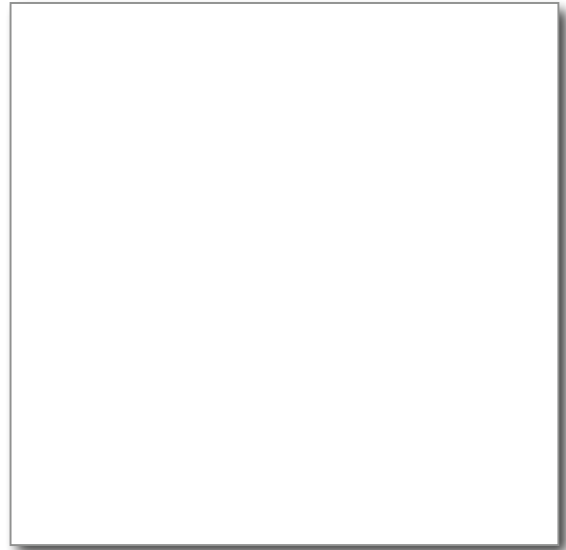
- Hibernation of animals is increasingly out of sync because of the effects of global warming.
- Animals are losing their homes due to the deforestation.
- Chopping down trees is ruining the rainforest which causes a higher percentage of Carbon Dioxide in the air.
- Loss of habitat is increasing the number of endangered animals.
- Sea creatures are swimming into foreign waters, for example: dolphins swim into shallows and are being found washed up on beaches.
- Rising temperatures are forcing some species out of their homes which leaves them to compete with new competitor species.
- Marmots end their hibernations about three weeks earlier now compared to 30 years ago.
- Polar bears today are thinner and less healthy than those of 20 years ago.
- Many fish species are moving northward in search of cooler waters.
- A fruit fly gene normally associated with hot, dry conditions has spread to populations living in traditionally cooler southern regions.

Set tasks to discover why different birds and animals migrate or stay in one country all year round. Look at why the some animals can't live in the same country all year round.

These facts and more can be found at: <http://www.ctv.ca> & <http://www.livescience.com>

2. As a task, divide the children into pairs or threes and ask them to design a fact sheet or poster on different animals and migration. They could then present them to the rest of the class. This work is also nice mounted on the walls as decoration.

Animal:



Where does this animal live in the winter?

Where does this animal live in the summer?

What does this animal eat?

Why does this animal need to migrate?