

Photo	Tool Name	Brief Description	Activity The Tool Is Used In
	Alberta Nature Guide	Guide to common animals and plants found in Alberta.	Wildlife Habitat
	Anemometer	Anemometers measure temperature and wind conditions. This information can be helpful for gathering weather data, or to determine the safety of working in the forest.	Forest Report
	Animal Tracks: A Folding Pocket Guide to the Tracks & Signs of Familiar North American Species	Guide for identifying animals through footprints and scat.	Wildlife Habitat
	Bird Bands	Bird bands are used in studying bird species, such as by tracking migration of birds over long distances (as shown in the included bird migration map).	Wildlife Habitat
	Diameter Tape	Used to determine the diameter of a tree trunk from its circumference.	Tree Measurements
	Flagging Tape	Flagging tape is used to mark out study and harvest areas or hazards in the forest.	All Activities
	Fur Samples	Samples of mink, badger, muskrat, beaver, coyote and lynx fur which demonstrate animal adaptations and are commonly used in traditional clothing.	Wildlife Habitat
	Guide to the Common Native Trees and Shrubs of Alberta	Includes a dichotomous key used to identify common Alberta plant species.	Tree Measurements Plant Identification
	Magnifying Glass	Used to help study small organisms.	Wildlife Habitat Forest Report
	Mountain Pine Beetle kit	Examples of larval and adult mountain pine beetle, as well as the larval galleries made in bark.	Wildlife Habitat

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	Owl Pellets	Owl pellets are the undigested fur, bones, teeth, feathers, and insect shells from owl prey.	Wildlife Habitat
	Soil Auger	Used to take soil cores from the ground, allowing for further testing.	Soil Sampling
	Soil Test Kit	Measures the nitrogen, phosphorous, potassium and pH of the soil.	Soil Sampling
	Soil Texturing Chart	Helps determine the composition of sand, clay and silt particles in a soil sample.	Soil Sampling
	Species at Risk Posters (Woodland Caribou and Alberta's Native Trout)	Explore caribou and trout adaptations, the human interactions contributing to changes to habitats and the actions underway to recover populations of these species at risk.	Wildlife Habitat
	Surveyor's Rope	Used to measure distance in a forest. Like a measuring tape, but lighter weight and more rugged.	Tree Measurements
	Tally Counter	Tally counters are helpful in keeping track of large numbers of items, such as saplings, trees of a specific species or nests.	Plant Identification
	Tangent Height Gauge	The tangent height gauge is a simple tool used to measure the height of a tree.	Tree Measurements
	Tree Cookies	Tree cookies are cross sections of trees that allow us to study tree rings. This kit includes both a deciduous and coniferous tree cookie.	Tree Measurements
	Wildlife Camera Photos	Wildlife cameras are used by biologists to track and monitor animals without disturbing them. These photos are examples of wildlife camera captures from Alberta.	Wildlife Habitat

All of the items on this list are available for purchase from various vendors. If you need a hand sourcing tools for your classroom, do not hesitate to reach out — we are happy to help! info@insideeducation.ca