

Advanced Learning Goals: Bird species

	Basic (know, identify, reproduce)	Intermediate (apply, order, associate)	Advanced (transfer to related fields)
Facts	Recognize 10 representative bird species.	Arrange birds into a taxonomic tree.	Classify an unknown bird.
Scientific method	Record observations: Describe features of a bird accurately.	Answer a hypothesis: All birds that cannot fly compensate by good running or swimming.	Formulate hypotheses: What the form of the beak tells about a birds food habits.
Communication	Know latin species names of 10 birds.	Draw distinctive features of a bird.	Present a bird species.
Evaluation	Verify information about bird species in the literature.	How is taxonomic classification applicable in a natural habitat.	What are the limits of observation-based taxonomy in birds and other animals?