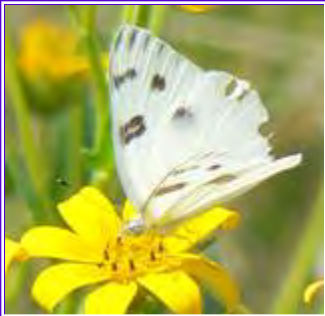




What Is A Bird?



What is a Bird Most Like?



An Animal?

Or

A Plant?

**Birds, like butterflies,
are animals not plants**



How are plants different from animals?





- **Grow roots in the ground**
- **Stay in one place**
- **Have green leaves that make food for the plant**
- **Make seeds, berries and fruits**
- **Make flowers**



How is A Bird Different From A Plant?





Birds

- Fly/move around
- Have feathers
- Locate and eat food
- Lay eggs
- Build nests



A Bird is More Like....



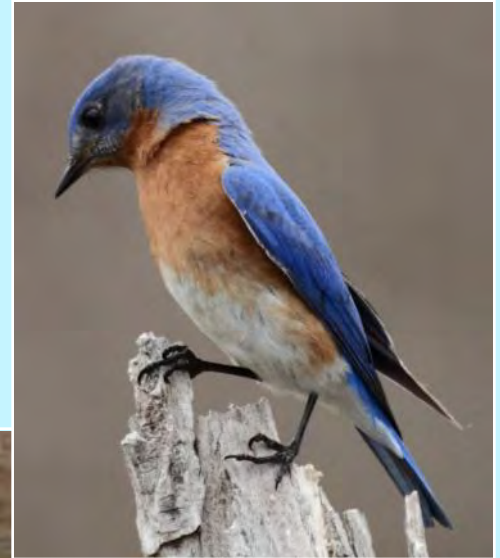
a deer because both have an endoskeleton



**All these animals are called vertebrates
because they have a backbone**



What do all birds do to reproduce?



Birds build nests and lay eggs to reproduce



Which young birds need the most care?





We call young Canada Geese “precocial” because they can feed themselves and go places with their mother a few days after they hatch

**Young Killdeer can
follow their mother
and hunt for food
after they hatch**





We call young Carolina Chickadees “altricial” because they must be cared for and fed by their parents until they leave the nest

What are birds covered with?



Birds are covered with feathers



**What can most
birds do that most
other vertebrates
cannot?**



Most birds can fly. They have lightweight bones and flight feathers to help them fly.



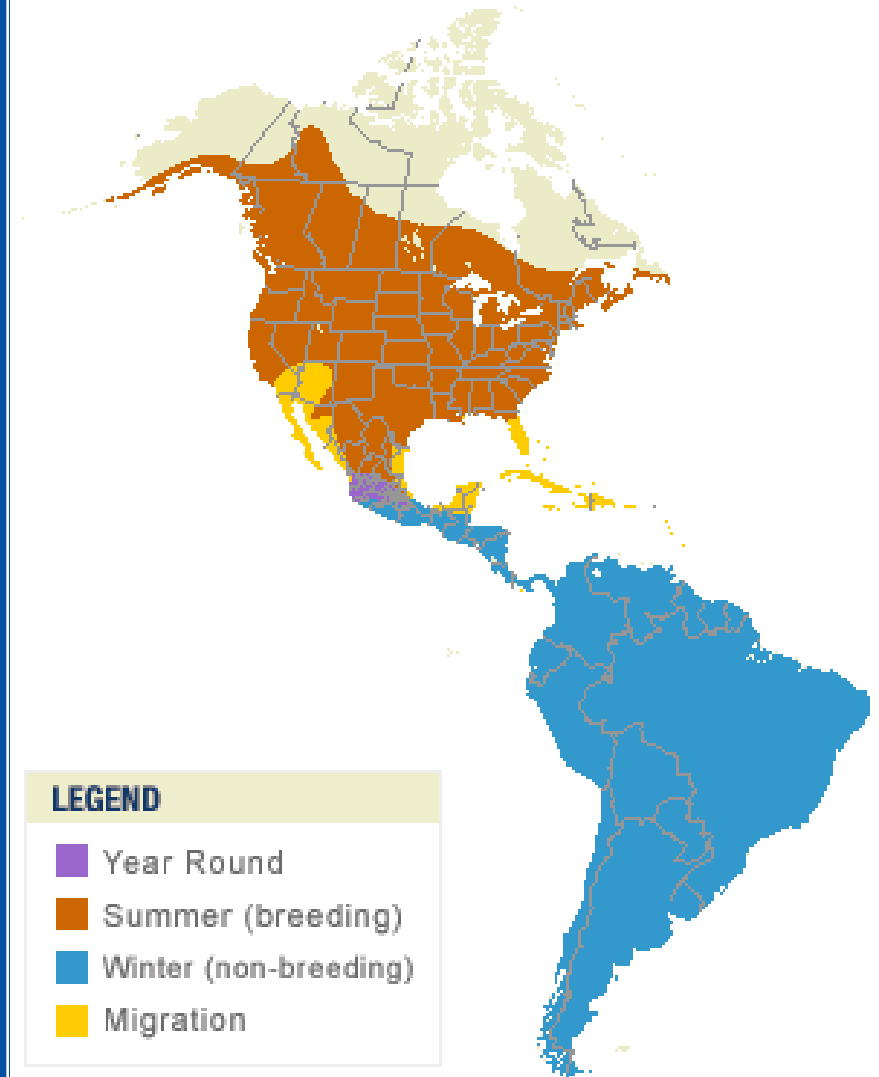
Many birds migrate. What does that mean?



Migratory birds, like this Barn Swallow, spend part of the year in one place and fly to another place for the rest of the year.



Barn Swallow
Hirundo rustica



LEGEND

- Year Round
- Summer (breeding)
- Winter (non-breeding)
- Migration

Map by Cornell Lab of Ornithology
Range data by NatureServe



Funding to develop these instructional resources was provided by Texas Parks and Wildlife Department contract #409330 and U. S. Fish and Wildlife Service Section 6 grant TX E-133-R

Photos by Pat and Chris Merkord, Mandi Haller, and Gil Eckrich

Alignment

Alignment is provided to the Texas Essential Knowledge and Skills (TEKS) for English Language Arts and Reading, Mathematics, Science and Social Studies where applicable and color-coded for each grade level.

Grade 3 (red)

Grade 4 (blue)

Grade 5 (green)

Grade 6 (purple)

English Language Arts & Reading student expectations: **3, 4(A,B); 1, 2(A,B), 13(B); 1, 2(A,B), 13(B); 1, 2(A,B), 12(B)**

Mathematics student expectations: N/A

Science student expectations: **3(A), 7(C), 9(A); 3(A), 7(B); 3(A), 7(B), 9(A); 3(A), 12(E,F)**

Social studies student expectations: **5(C,D), 17(C,E); 6(A), 7(B,C), 21(A-C), 22(A); 6(A), 7(B,D), 24(A-C), 25(A); 3(A-C), 4(D,F), 21(A-C), 22(A)**

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