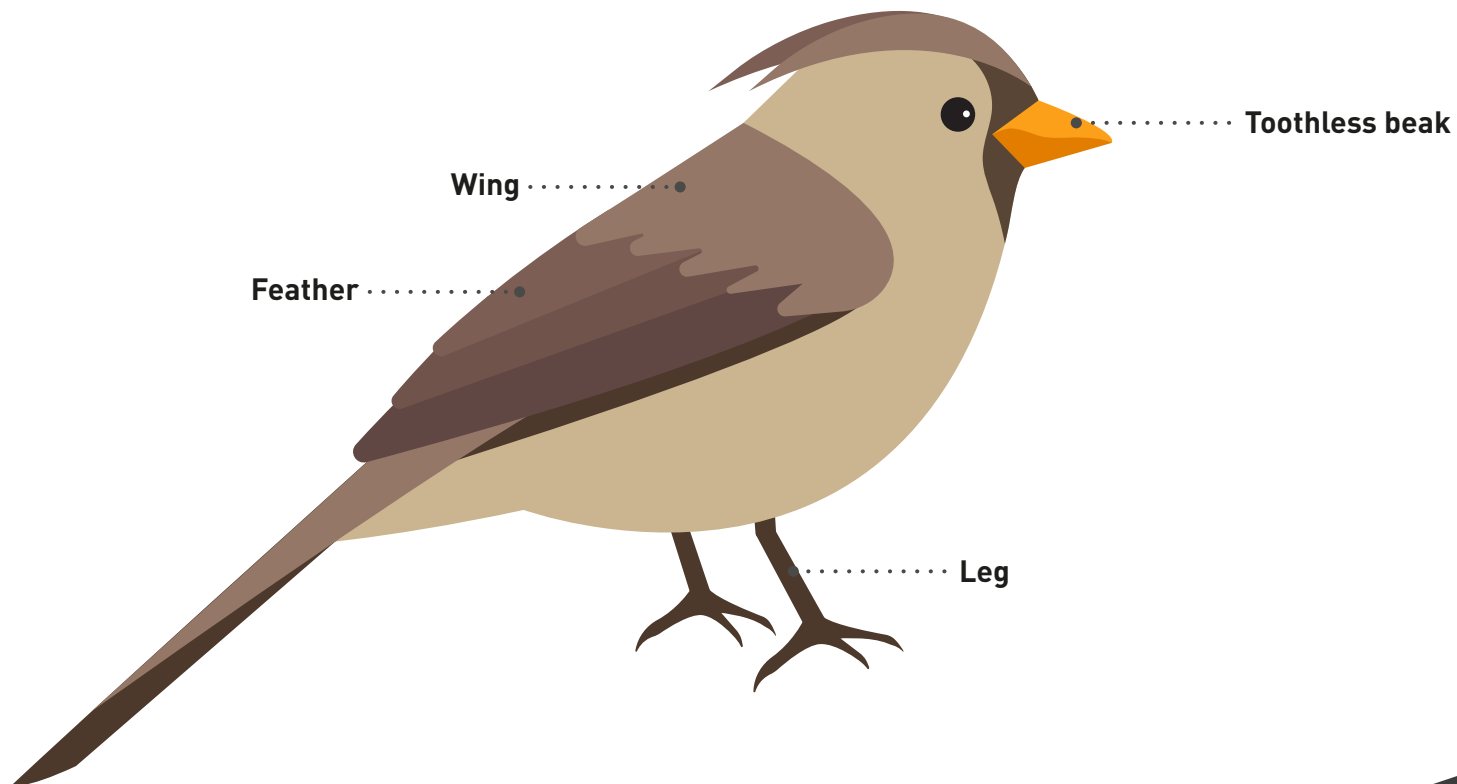


# BIRDS

# TREASURES OF THE NATURAL WORLD

Birds are warm-blooded animals with an internal skeleton made from bones. They have a toothless beak, two legs, a pair of wings and feathers as their body covering. Each species has distinctive external features to help survive in its habitat.



# WINGS

# TREASURES OF THE NATURAL WORLD

The key to flight is wings (or forelimbs) of the bird. The variety in wing structures and shapes amongst birds provide advantages to different bird species. Let us try some simple activities to understand how birds fly!



### Long-soaring wings

- 1) Spread your arms out.
- 2) Record how many times you can raise your arms up and down within ten seconds.



### Elliptical wings

- 1) Stick your elbows close to your body.
- 2) Record how many times you can raise your hands up and down within ten seconds.

Which position gives you the higher count of 'flaps' within ten seconds?

What can you work out to the wing beats of birds with different wing types?

Could you come up with an activity to test the agility of birds with different wing types?

**Birds play a crucial role in the establishment of Darwin's theory of evolution by natural selection.**

**Join us at A Day in the Life of an Ornithologist workshop to find out more about our feathered friends!**