

Adaptations

Grade 7 Biology

Handout

- Based on deductive reasoning, match the birds with their specially adapted feet:

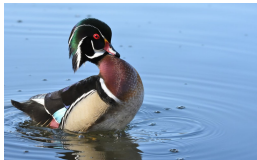
Bald Eagle



Cassowary



Wood Duck



African Jacana



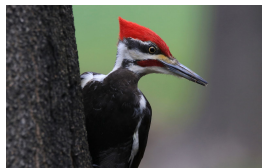
White-throated Sparrow



Great Blue Heron



Pileated Woodpecker



2. Complete the multiple choice below:

What are the woodpecker's feet adapted for:

- a) Tap dancing
- b) Crackings seeds
- c) Climbing trees
- d) Swimming

By looking at an eagle's large talons, what do you think it eats?

- a) Seeds
- b) Fish and animals
- c) Nectar
- d) Pizza

White-throated sparrows have a tendon that automatically flexes when weight is applied, this has adapted the sparrow to be able to _____ better?

- a) Crack seeds
- b) Hold onto prey
- c) Dance
- d) Perch on branches

The African jacana has long toes which are able to disturb its weight. What do you think this would be helpful for?

- a) Flying
- b) Moonwalking
- c) Walking on lily pads
- d) Perching on branches

If a bird has webbed feet, what habitat would you expect it to live in?

- a) Jungle
- b) Weltand
- c) Forest
- d) Grassland

3. When you used different household items as "beaks", which beak worked the best with each food item and why? Use specific bird species examples and site the adaptations for each beak.