

**NAME:**

**SUBJECT: SCIENCE**

**GRADE: 3**

**DATE: 3.1.23**

## **7. THE WINGED WONDER**

### **I. ANSWER THE FOLLOWING**

**1. How do a sharp, hooked-tip beak and sharp, curved claws help birds that are predators?**

**a. Sharp beak:**

**It is used to peck hard fruits or the bark of a tree for insects.**

**b. Hooked-tip beak:**

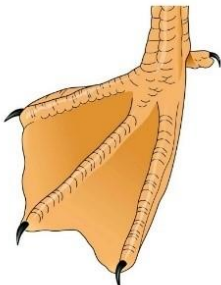
**It helps to tear the meat of their prey.**

**c. Sharp clawed claws:**

**Birds have strong feet and long curved claws to capture and kill their prey.**

**2. Describe the feet of birds that paddle in water.**

**Paddling feet**



**The structure and function of the feet of birds are:**

- It has skin that stretches out connecting their toes, called paddle feet.**
- Help the birds to paddle in water.**

**3. What materials do birds use to build their nests? Explain with examples.**

The materials that bird used to build nest are

- Twigs, flowers, Moss, Dry grass, cotton, Dry leaves and pebbles.

Example: The weaver bird's nest is weaved together by using dry grass.

**4. What is moulting?**

The process by which birds shed their old feathers and grow new ones is called moulting.

**5. Describe the process of preening.**

- All birds have an oil packet under their tail, when they squeeze with their beak.
- Using their beaks, they rub their oil over the feathers, to keep them shiny and waterproof.
- This process is called preening.

**6. List a few ways in which birds are harmed by human activities.**

- Trees being cut down
- Birds being hunted.
- Dirty air.
- Polluting water.
- By using insect sprays.
- Bursting firecrackers.
- Birds kept in cage.

**7. Describe the four main types of wings seen in birds. Give an example for each type.**

S.no	Type of wings	Purposes	Examples
1.	Short and broad wings	Fly quickly from danger.	Wood pecker
2.	Short and pointed wings	Fly at high speed and make quick turns.	Goose
3.	Long and broad wings	Fly high in the sky.	Vulture

4.	Long and pointed wings	Fly without flapping their wings in the air.	Seagull.
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8. Why should we protect birds? List a few ways in which we can protect them.

- We should protect birds because they are helpful to us in many ways.

We can protect the birds by

- Providing them with fresh food and water.
- Not destroying their homes.
- Not polluting the land, air and water around us.

9. Explain any three types of claws that birds have. Give an example of a bird for each type of claw.

S.no	Types of claws	Uses	Example
1.	Grasping- Strong and long curved claws.	Helps the bird to capture and kill their prey.	Hawks, Owls.
2.	Climbing- toes Shaped like an "X"	Helps the bird to grasp the trunk of a tree and climb.	Wood peckers
3.	Wading- Long toes.	Helps the bird to walk in water and in wetlands.	Herons, Cranes