

SESSION : 4
CLASS : III
SUBJECT : SCIENCE
CHAPTER NUMBER : 7
CHAPTER NAME : BIRDS:FOOD AND MORE
SUB-TOPIC : HOW DOES A BIRD FLY? NESTING HABITS

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE :

Learners will be able to –

- describe the body of a bird and the types of feathers they have.
- describe the different kinds of nests that birds build.

LET'S RECAPITULATE: Arrange the birds given in the box under the correct column.

sparrow, crow, crane, heron, duck, woodpecker, parakeet, mynah, hen, eagle, hawk

Flesh eating birds	Perching birds	Scratching birds	Climbing birds	Swimming birds	Wading birds
eagle	sparrow	hen	woodpecker	duck	crane
hawk	mynah		parakeet		heron
	crow				

HOW DOES A BIRD FLY ?

- The bird has a very light body made up hollow bones with thin plates.
- The body has a strong framework of bones.
- Most of the bones have a special shape.
- The body is shaped like a boat.
- Birds have strong muscles which help the bird to move the wings up and down or forward and backward.
- Bird's tail help to change the direction while flying.

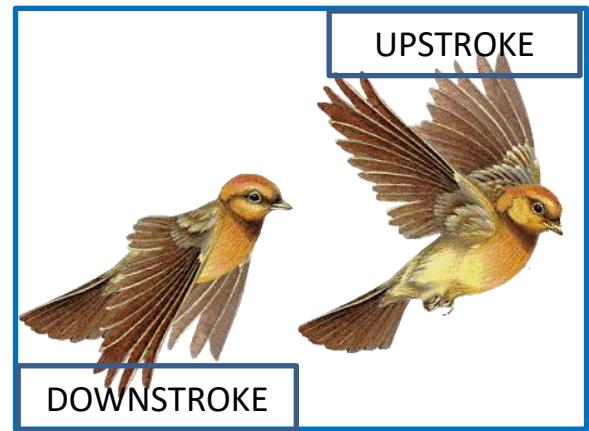


Wing movement:

The birds wings have two types of movements.

Upstroke: The wings move upward and backward.

Downstroke: The wings move downward and forward.



Feathers of birds:

Small fluffy feathers called down feathers keep the bird's body warm.



WINGS

The long, flat feathers attached to the wings and tail help the birds to fly. These are called flight feathers.



DOWN FEATHER



FLIGHT FEATHER

NESTING HABITS

- Birds build nest to lay eggs.
- Birds use material like twigs, dry leaves, cotton, thread wool, feather, hair, pieces of cloth, paper and pebbles to build their nests.
- The eggs are laid in the nests.
- When the baby birds are big enough, they fly away.
Most parent birds leave the nests.



NESTING HABITS

The tailor bird



The weaver bird



The eagle



The tailor bird uses its beak like a needle to sew leaves with material like thread and wool. The nest is made cozy with cotton, wool, hair or dry grass.

The weaver bird makes a beautiful and strong nest with twigs and grass. It weaves the grass in and out rapidly. The nest hangs from the branch of a tree. The bird enters its home through a tunnel like opening at the bottom of the nest.

The eagle make nests by gathering a few sticks and simply putting them together in the shape of a shallow cup.

NESTING HABITS

The woodpecker



**The woodpecker
pecks a tree trunk
with its beak to
make a hole. To
make its nest cosy, it
lines the hole with
chips of wood.**

The penguin



**The penguin
collects a few
pebbles and stones
to make a nest on
the ground.**

Summary:

- The bird has a very light body made up of hollow bones which help them to fly.
- The bird's wings have two types of movement - upward movement and downward movement.
- Birds build nest to lay eggs. Different birds make different types of nests by using different materials.

LEARNING OUTCOME:

Learners will able to –

- describe the body of a bird and the types of feathers they have.
- describe the different kinds of nests that birds build.

HOME ASSIGNMENT:

Do oral questions of page no 61 and 62 in notebook.



THANKING YOU
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