

LET'S GET ACTIVE



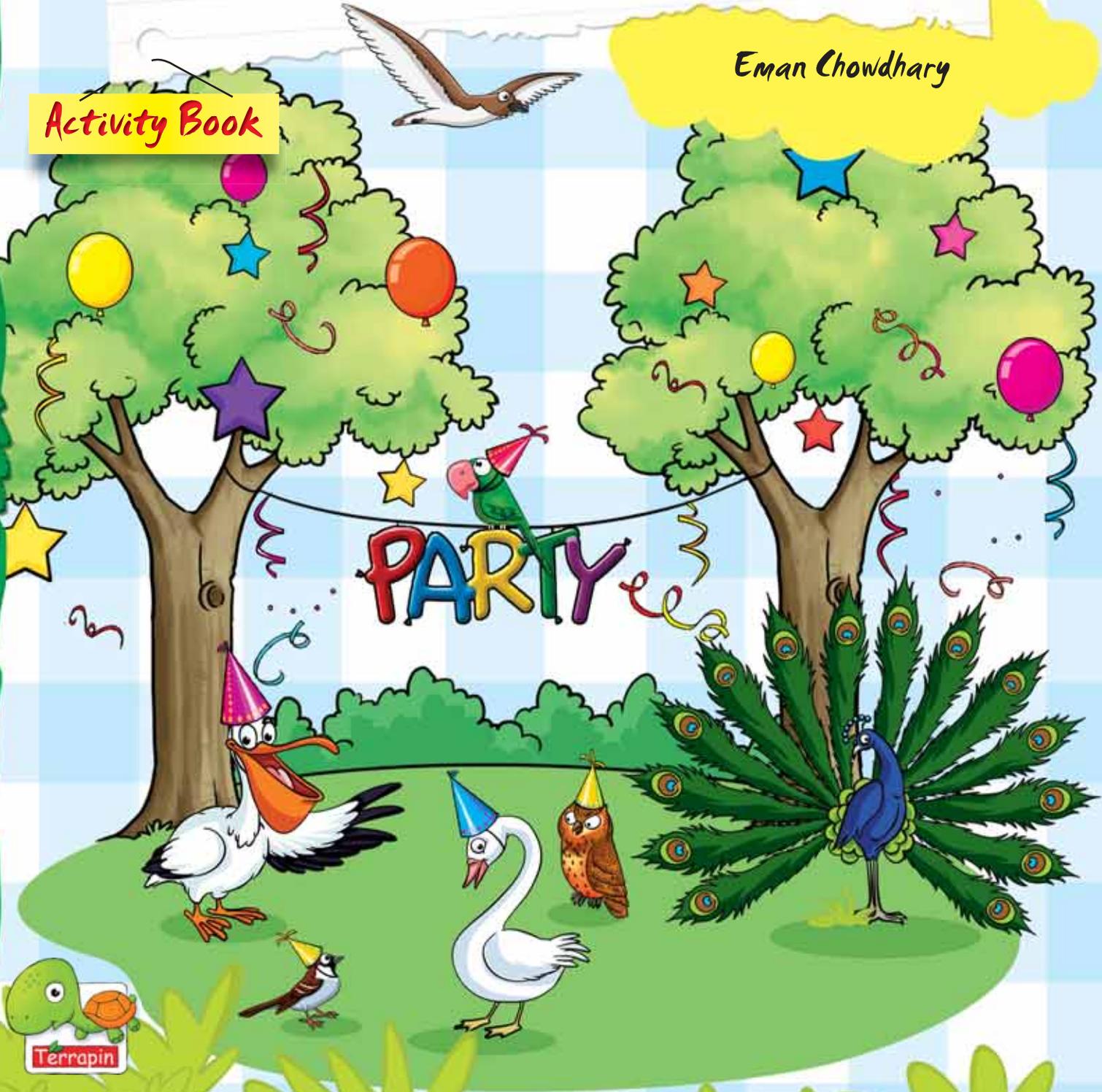
Learning about

Birds



Eman Chowdhary

Activity Book



From the desk of Dr R K Pachauri

Over half the population of the world today lives in urban areas, and even though in India we still have almost two thirds of our population living in villages, in the next few decades we would also have a majority of our citizens living in towns and cities. One of the realities of urban life is its remoteness with the pristine existence of all things natural. Urban children in North America when asked where milk comes from generally respond that it comes from plastic bottles or cardboard cartons. They have no knowledge that cows provide us with milk that we drink.

A good psychologist friend of mine who is a professor at Yale University, Paul Bloom, has been researching for years now on what provides human beings joy and happiness. His research reveals that the greatest pleasure human beings experience is derived from being in the company of nature and indulging in the delights that we sense when we are in the midst of beautiful scenery or in the company of animals, birds, plants and flowers. The richness of the environment around us is a source of joy that many of us living in urban areas miss greatly, day in and day out.

Children in particular need to see and feel the benefit of life that exists in the kingdom of plants, birds, animals and insects. It is only when they touch, feel and smell the environment in open areas that they realize the richness of our natural heritage.

This series of books would help children learn about animals, birds, plants, flowers, people as well as places by means of simple activities and exercises. They will not just enjoy the activities described in the pages of these books today but would also retain some of the most valuable lessons that they learn as inspiration towards becoming environment friendly citizens tomorrow.



R K Pachauri

Director-General, TERI

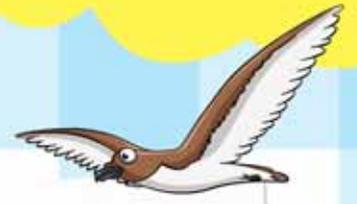
Chairman, Intergovernmental Panel on Climate Change

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NAME.....

CLASS.....

SCHOOL.....





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Introduction

Birds are vertebrates (animals with backbone) with two legs and front limbs. Their front limbs have adapted to form wings. All birds have feathers that protect their body and help them fly. Most birds can fly, but there are some birds that cannot fly.

Party time

Hi! This is a bird's party. Many of us have come together after many years. Do you know our names? Unscramble the letters to see what our names are.

- WASN 1.....
- CPCEOKA 2.....
- RTPOAR 3.....
- WOL 4.....
- IAPCENL 5.....
- RSARWPO 6.....



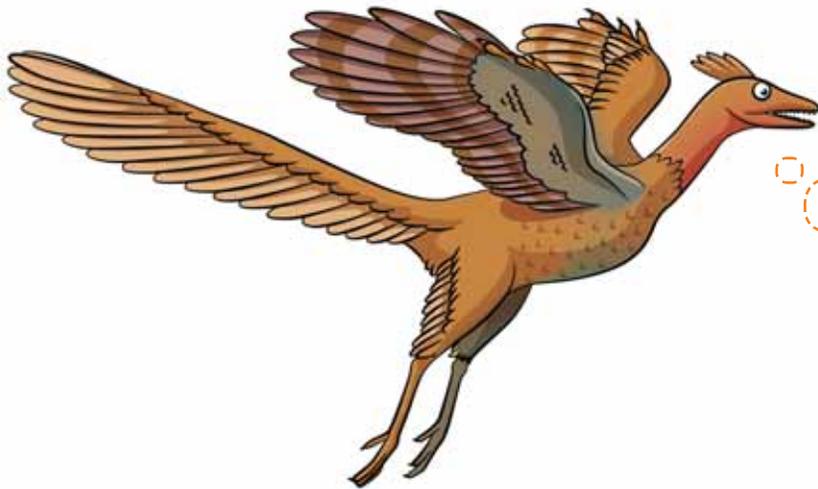
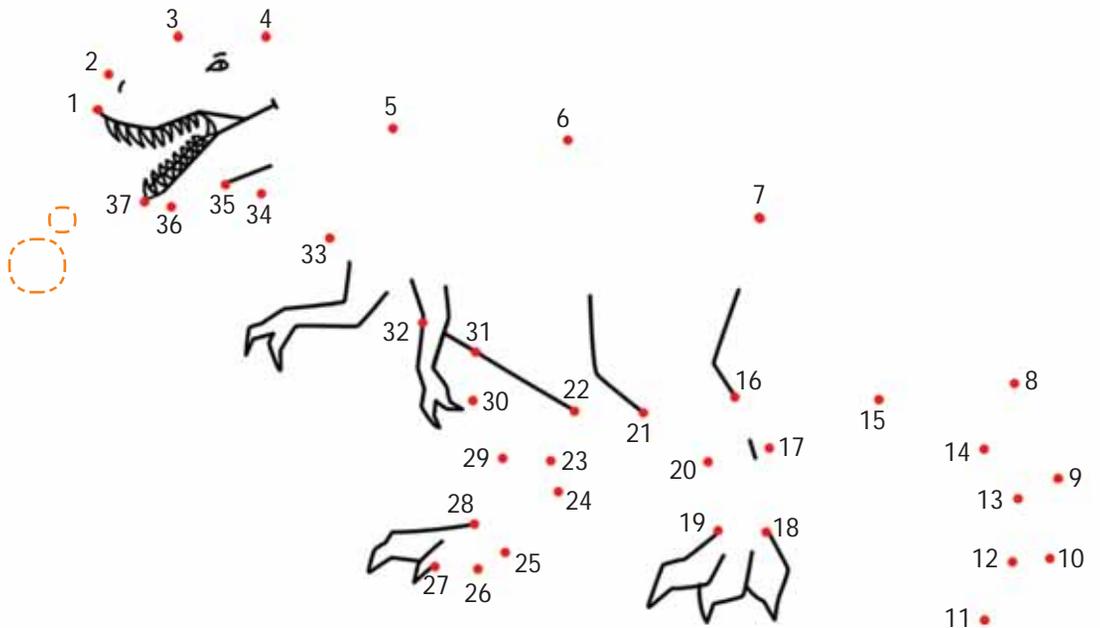
Evolution

Scientists have discovered bones that were buried inside rocks millions of years ago. After studying these bones, they have come to the conclusion that birds have evolved from prehistoric animals.



Dot-to-dot discovery

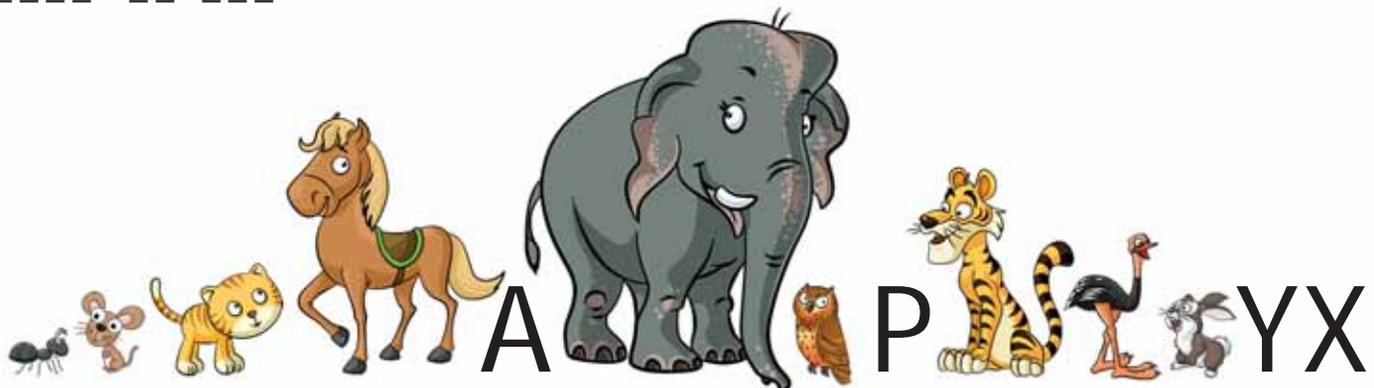
You wouldn't believe it, but it's true, birds have evolved from us! I am not saying so, the scientists are. Join the dots to see who I am.



Oldie birdy

I am the first bird known to humankind. I lived 150 million years ago with dinosaurs and many other animals that you don't see anymore. All of us died out in a mass extinction. To find out who I am, write the first letter of each animal's name in the blank spaces on the left and you will have my name!

___ A ___ P ___ YX



Polar Birds

Birds live anywhere and everywhere. They are found in all seven continents. One would assume that birds cannot be found in extreme climatic conditions, but that's not true.

Counting is fun

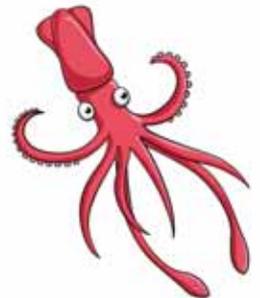
We are emperor penguins, the largest of all penguins. We, like all other penguins, can live in water but cannot fly. We live in the Antarctic region. We can dive up to depths of 550 m and stay in the water for a long time. Count the number of water droplets to find out how long we can hold our breath for.



Food code

I am an Antarctic petrel. As my name suggests, I live in Antarctica. Sometimes, I fly very close to the surface of sea. As I fly, I often touch the surface with my feet, and it looks like I am walking on water! Did you know I feed while swimming? Break the codes on the right to find out what I eat!

19 17 21 9 4



6 9 19 8



11 18 9 12 12



Clues: A-1, B-2, C-3, D-4, E-5, F-6, G-7, H-8, I-9, J-10, K-11, L-12, M-13, N-14, O-15, P-16, Q-17, R-18, S-19, T-20, U-21, V-22, W-23, X-24, Y-25, Z-26

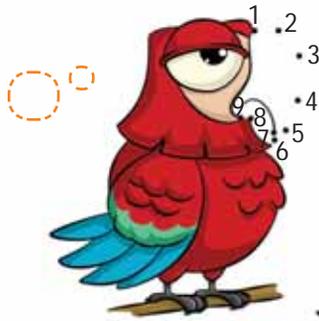
Tropical Birds

Some birds live in tropical areas and are popularly known as tropical birds. Some of the tropical birds are very colourful and exotic.

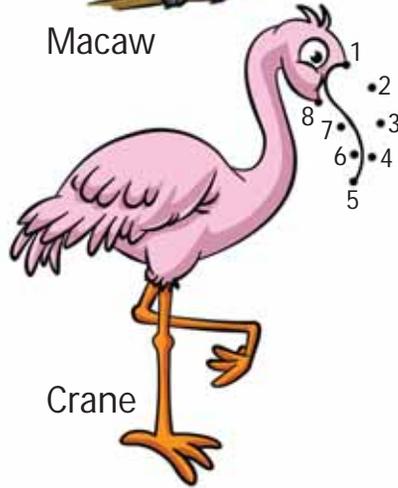


Beak peak

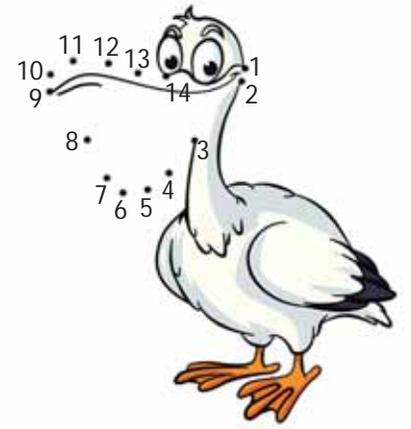
We are tropical birds. You must have seen us around your house and in parks. Do you remember how our beaks look? Trace our beaks and match them with the ones in the centre.



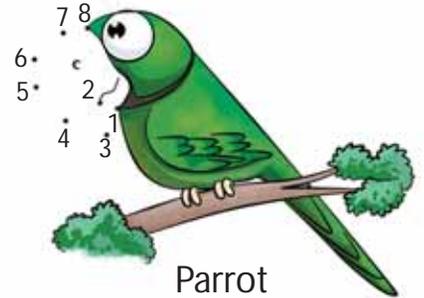
Macaw



Crane



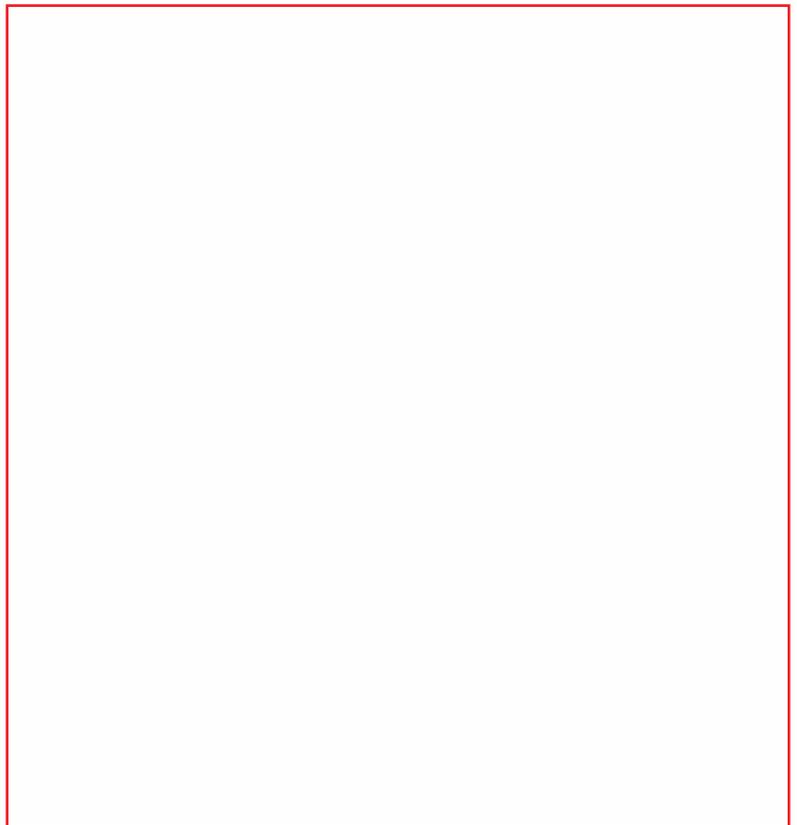
Pelican



Parrot

Jay play

I am the Indian roller. They also call me blue jay. You can find me in the foothills of the Himalayas, southern India, and western India. I love to eat frogs! But when I don't get frogs, I eat lizards, crickets, grasshoppers, butterflies, and moths. Can you copy and colour me exactly in the blank grid on the right?



Seabirds

Birds that have adapted to the marine environment and spend most of their time at sea are called seabirds.

Partner search

We are male great frigatebirds. Frigatebirds are large seabirds that cannot walk or swim, but can fly for a week at a stretch. During the breeding season, we display a red gular sac – a featherless skin sac that connects the neck to the beak – to attract mates. This sac looks like a big, red balloon.

There are many of us here. Can you count how many of us are trying to attract female great frigatebirds?



Find my twin!

I am a common gull. You will find me around seas and other water bodies. I was migrating south in winter and I lost my twin amongst these birds. Can you identify who my twin is?



Let's Get Active : Learning about Birds (An illustrated activity book that teaches young learners all about birds)



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