

**Skillment**



# Environmental Studies

A Multi-skill Activity Book on Environmental Studies



**PMP Planet**<sup>®</sup>  
Multimedia Publishers  
*The Ultimate Resource*

**PM PUBLISHERS PVT. LTD.**

## **Skillment Environmental Studies – FS 2 (LKG)**

**PMP Editorial Team**

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# Preface

With a vision of making quality education accessible to all from the Foundational Stage to Secondary Stage of schooling, the **National Education Policy (NEP) 2020** has issued a new pedagogical and academic structure. The new pedagogical and academic structure has been divided into four stages as mentioned below:

<b>Foundational Stage (5 years):</b> Nursery, LKG, UKG, Std. 1 and Std. 2	(3-8 years)
<b>Preparatory Stage (3 years):</b> Std. 3, Std. 4 and Std. 5	(8-11 years)
<b>Middle Stage (3 years):</b> Std. 6, Std. 7 and Std. 8	(11-14 years)
<b>Secondary Stage (4 years):</b> Std. 9, Std. 10, Std. 11 and Std. 12	(14-18 years)

In the new 5+3+3+4 structure, a strong base of **Early Childhood Care and Education (ECCE)** from age 3 is also included.

The overall aim of Early Childhood Care and Education (ECCE) is to attain optimal outcomes in the following domains:

- ✓ Physical and motor development
- ✓ Cognitive development
- ✓ Social-emotional-ethical development
- ✓ Cultural/Artistic development
- ✓ Development of communication and early language, literacy, and numeracy

Our new series, **Skillment**, is properly graded and contains age-appropriate course material for the learners of Foundational Stage to achieve the aims and objectives outlined in the **National Curriculum Framework (NCF) for Foundational Stage 2022**. The series covers different subjects which are classified under the following categories:

**FS 1 (3+ years):** Maths, English, EVS, Hindi, Art and Craft, Kavitayen aur Kahaniyan, Rhymes and Stories

**FS 2 (4+ years):** Maths, English, EVS, Hindi, Art and Craft, Kavitayen aur Kahaniyan, Rhymes and Stories

**FS 3 (5+ years):** Maths, English, EVS, Hindi, Art and Craft, Kavitayen aur Kahaniyan, Rhymes and Stories

**FS 4 (6+ years):** Maths, English, EVS, Hindi, English Grammar, Art and Craft, Computer and GK

**FS 5 (7+ years):** Maths, English, EVS, Hindi, English Grammar, Art and Craft, Computer and GK

Apart from the main books, we are also providing **Workbooks** with Maths, English, EVS and Hindi to learners for extra practice.

The whole set of books for each class also carries a **Teacher's Resource Kit** which contains various kinds of relevant and interesting teaching aid that teachers may use in the classroom.

A **booklet on Social and Emotional Learning (SEL)** including lesson plans is provided for the teachers to inculcate SEL skills in the learners.

**Skillment App** is for skill building and joyful teaching and learning for teachers and learners.

## Web Support

Our web portal [pmponline.co.in](http://pmponline.co.in) provides a vital web support to teachers and learners. It includes the following:

- ◆ **Multimedia ebooks:** consist of animation, audio, video, and interactive exercises
- ◆ **Additional worksheets:** printable worksheets for extra practice
- ◆ **Teacher's resource:** comprises lesson plans
- ◆ **Virtual lessons:** consist of pre-recorded video lessons
- ◆ **AR (Augmented Reality) App both for android and iOS:** turns books into smart books with better visualisation and concept clarity

It is a concerted attempt to make the series more useful for the teachers, parents and kids. We hope this series will be quite helpful in achieving the goals set by the NEP 2020. However, we shall appreciate valuable and constructive feedback from teachers and parents to improve the books with every new edition.

—Publishers



# Features of Skillment Environmental Studies



Skillment Environmental Studies series adheres to the guidelines issued under Early Childhood Care and Education mentioned in the National Education Policy 2020 and subsequently in the National Curriculum Framework (NCF) for Foundational Stage 2022.

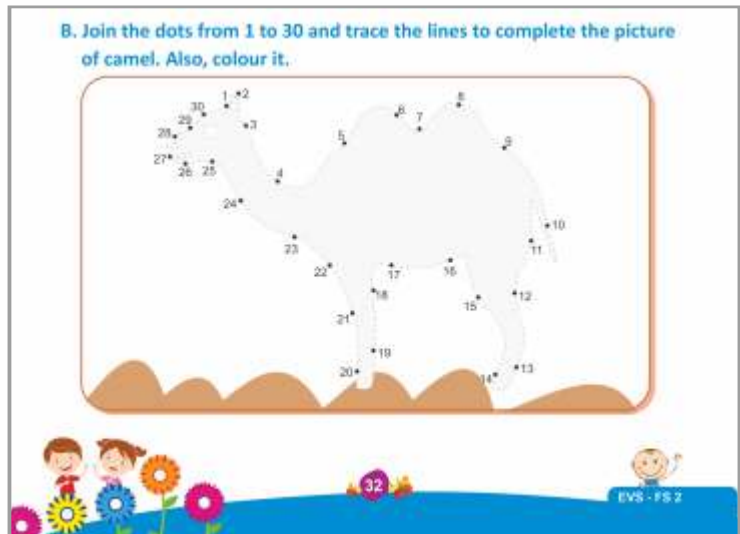
## Aims of Early Childhood Care and Education (ECCE)

- ✓ Physical and motor development
- ✓ Cognitive development
- ✓ Social-emotional and ethical development
- ✓ Cultural/artistic development
- ✓ Development of communication and early language, literacy, and numeracy

## Important Features to meet the aims and objectives of ECCE

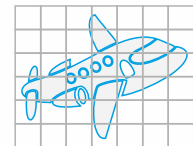
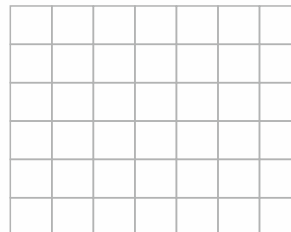


Child-friendly and interactive approach to get the learners remain engaged during the learning process



Number based activities to enhance numeracy skill of the learners

B. Draw the picture of aeroplane in the grid as shown.



Art integration to develop creativity skill as well as fine motor skill



Listen and repeat the rhyme.

Farmer, farmer!  
How are you?  
We wish to thank you,  
For giving us food!

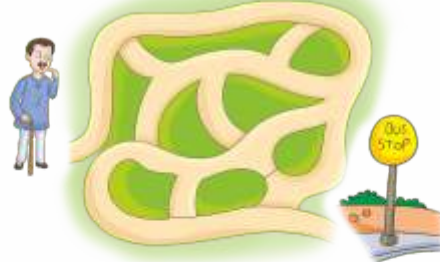
Cobbler, cobbler!  
How are you?  
We wish to thank you,  
For mending our shoes!

Doctor, doctor!  
How are you?  
We wish to thank you,  
For keeping us well and good!

Teacher, teacher!  
How are you?  
We wish to thank you,  
For helping us things to do!



B. Help the man reach the bus stop. Colour the road that leads to the bus stop.



C. Colour the picture and talk about it with your partner.



Concept-based rhymes to create interest of learners in the topic as well as to enhance their literacy skill

Problem based activities to develop critical thinking skill of the learners

### 13 Fancy Dress

There is a fancy dress competition in Ria's class. Look how the children have dressed up.



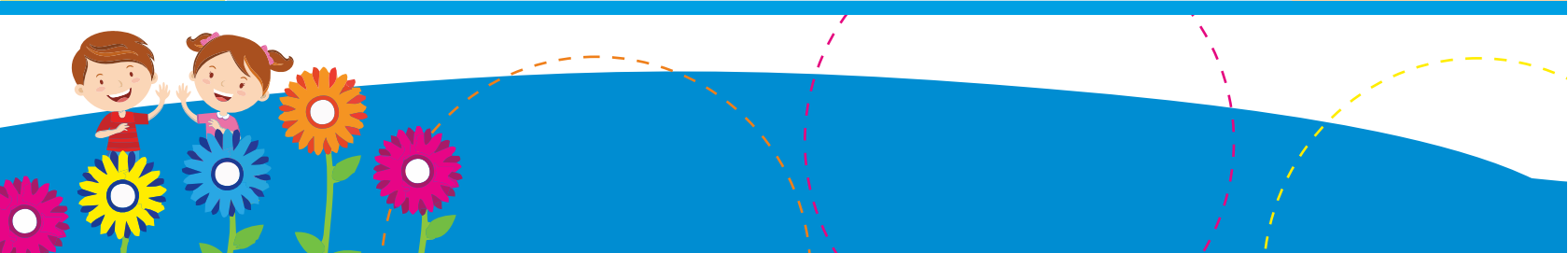
Double spread pictures to familiarise the learners to their immediate environment and to encourage them to express themselves



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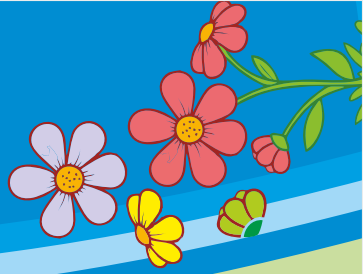






# 1

# Myself



Wow! This is me.



Today is Ria's birthday. She is four years old now.

# HAPPY BIRTHDAY

Happy Birthday, Ria!

Everyone is wishing me. I feel so special.

Happy Birthday, Ria!



Ria is introducing herself to her class.

Hi! I am Ria.

I am four years old.

I study in LKG.





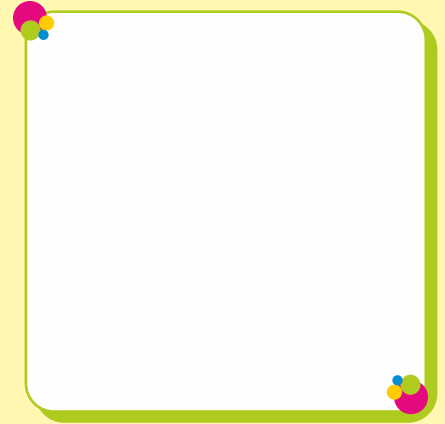
## A. Paste your picture in the box. Also, write about yourself.

I am \_\_\_\_\_.

I am \_\_\_\_\_ (four/five) years old.

I am a \_\_\_\_\_ (boy/girl).

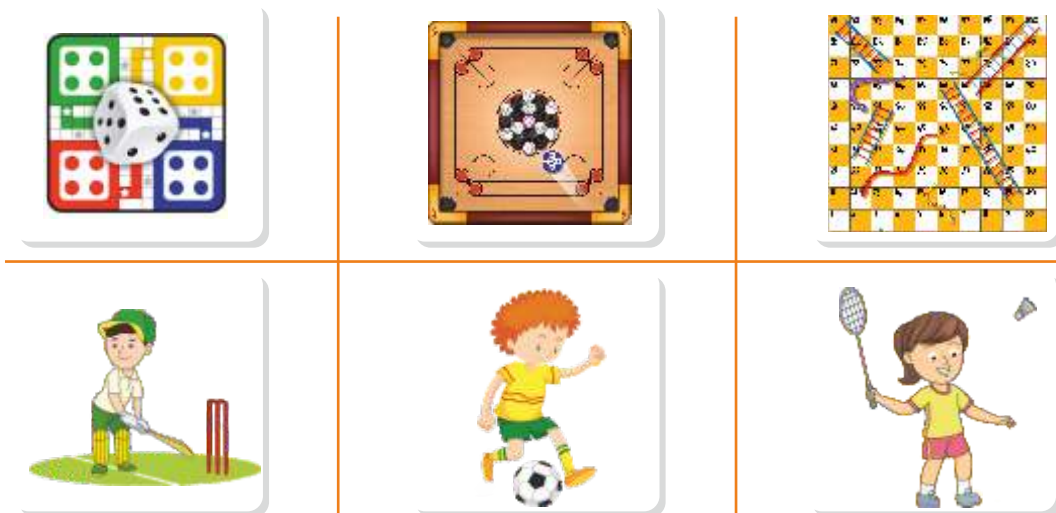
I am in class \_\_\_\_\_ (LKG/UKG).



## B. Circle your favourite food items.

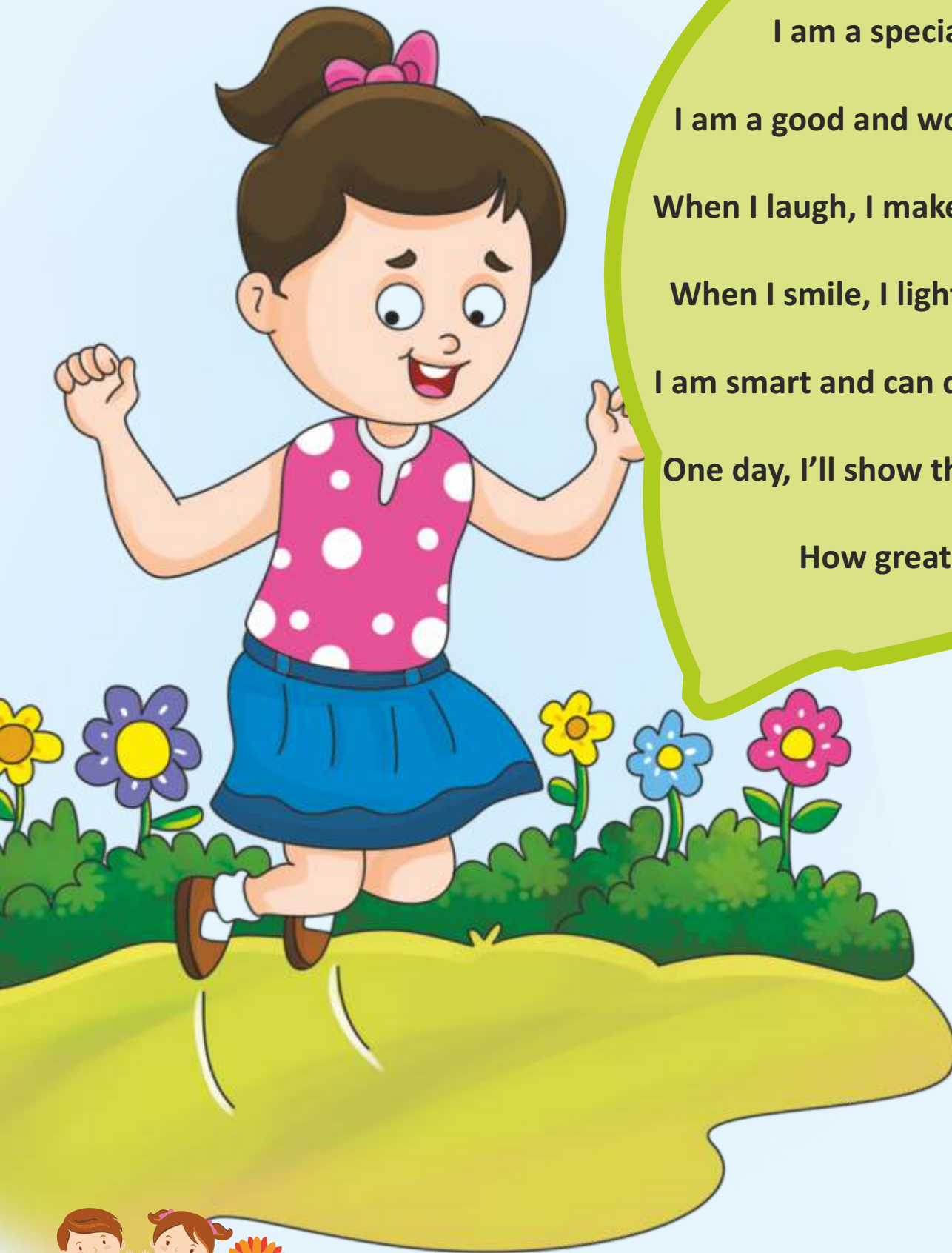


## C. Circle your favourite games.





**Listen and repeat the rhyme.**



**I am a special child.**

**I am a good and wonderful child.**

**When I laugh, I make people happy.**

**When I smile, I light up the room.**

**I am smart and can do many things.**

**One day, I'll show the entire world**

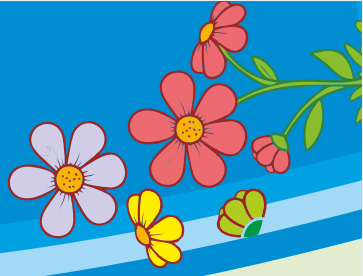
**How great I am.**





# 2

# My Body

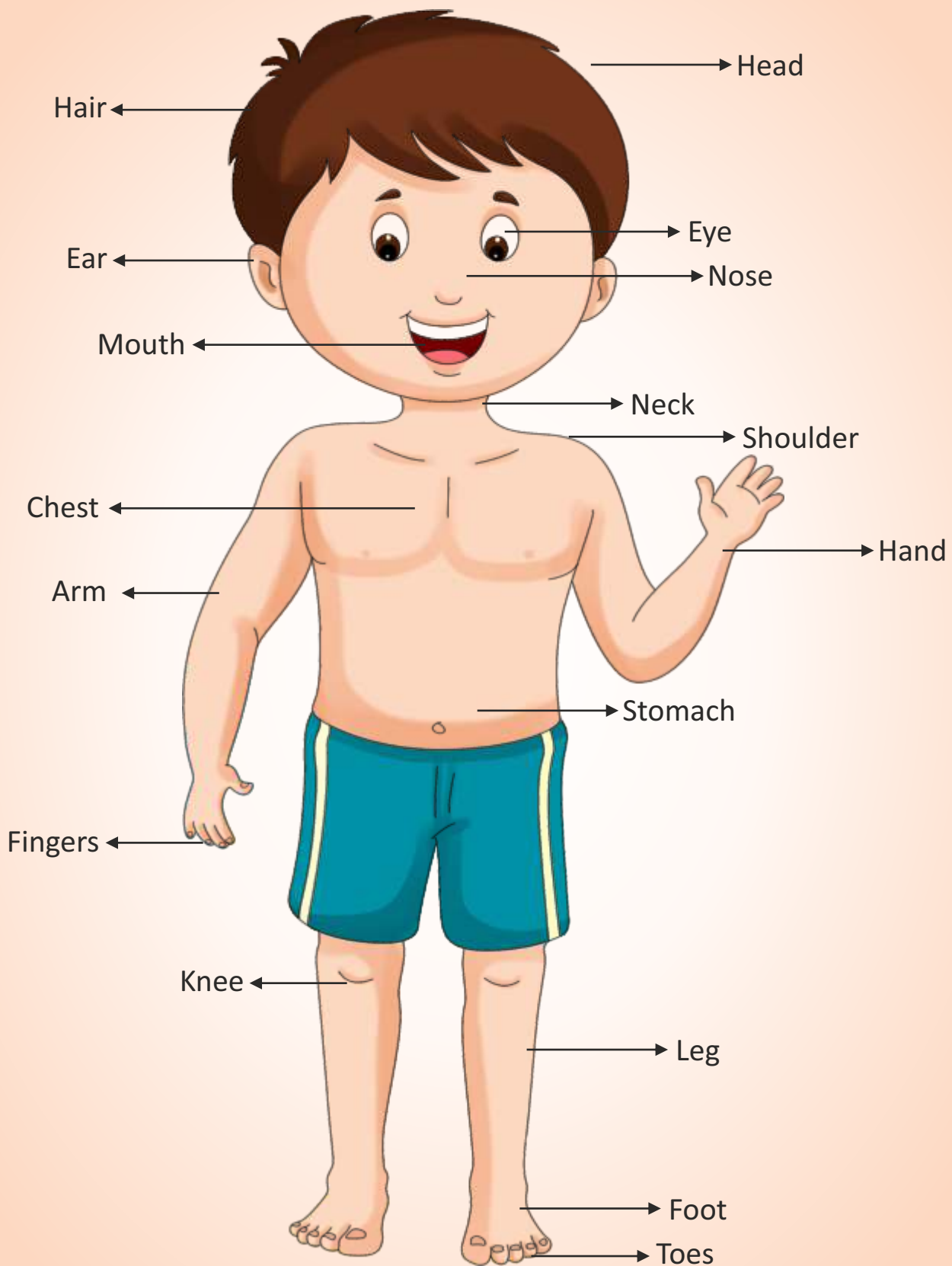


Look what Ria is doing. Notice the body parts she is using.

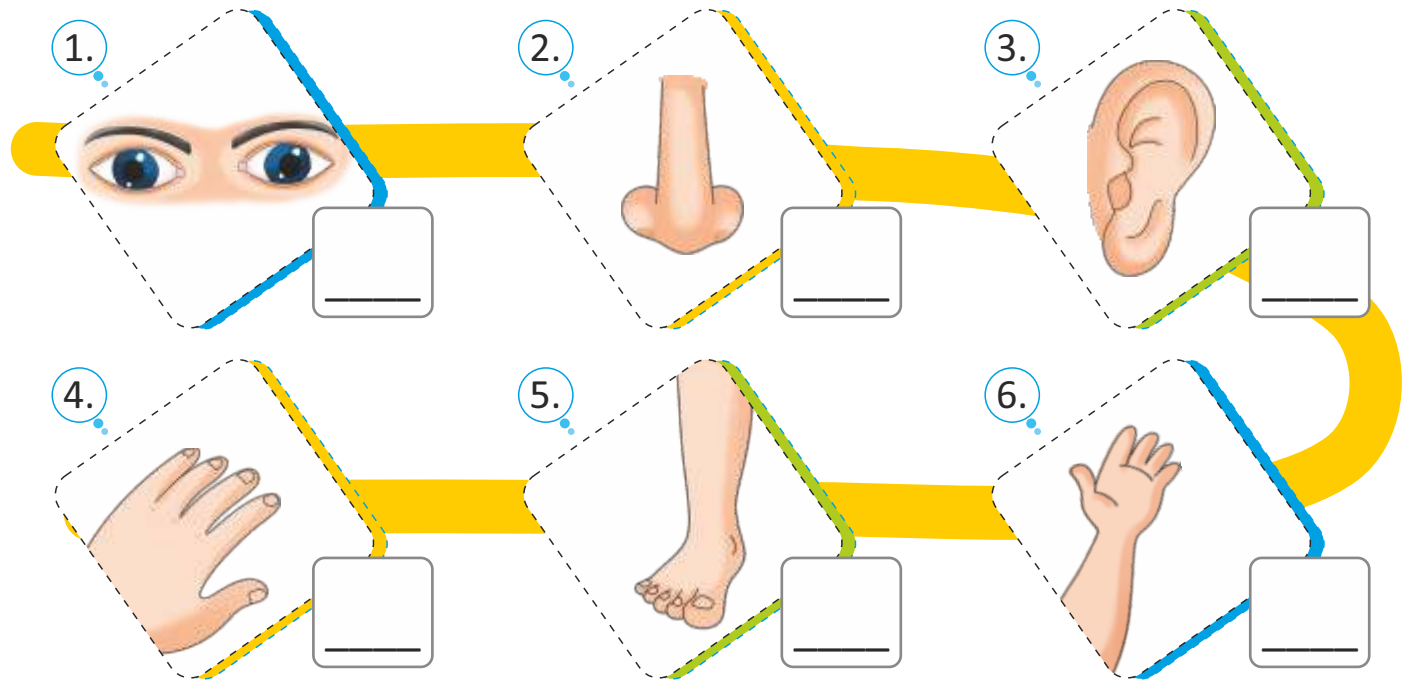




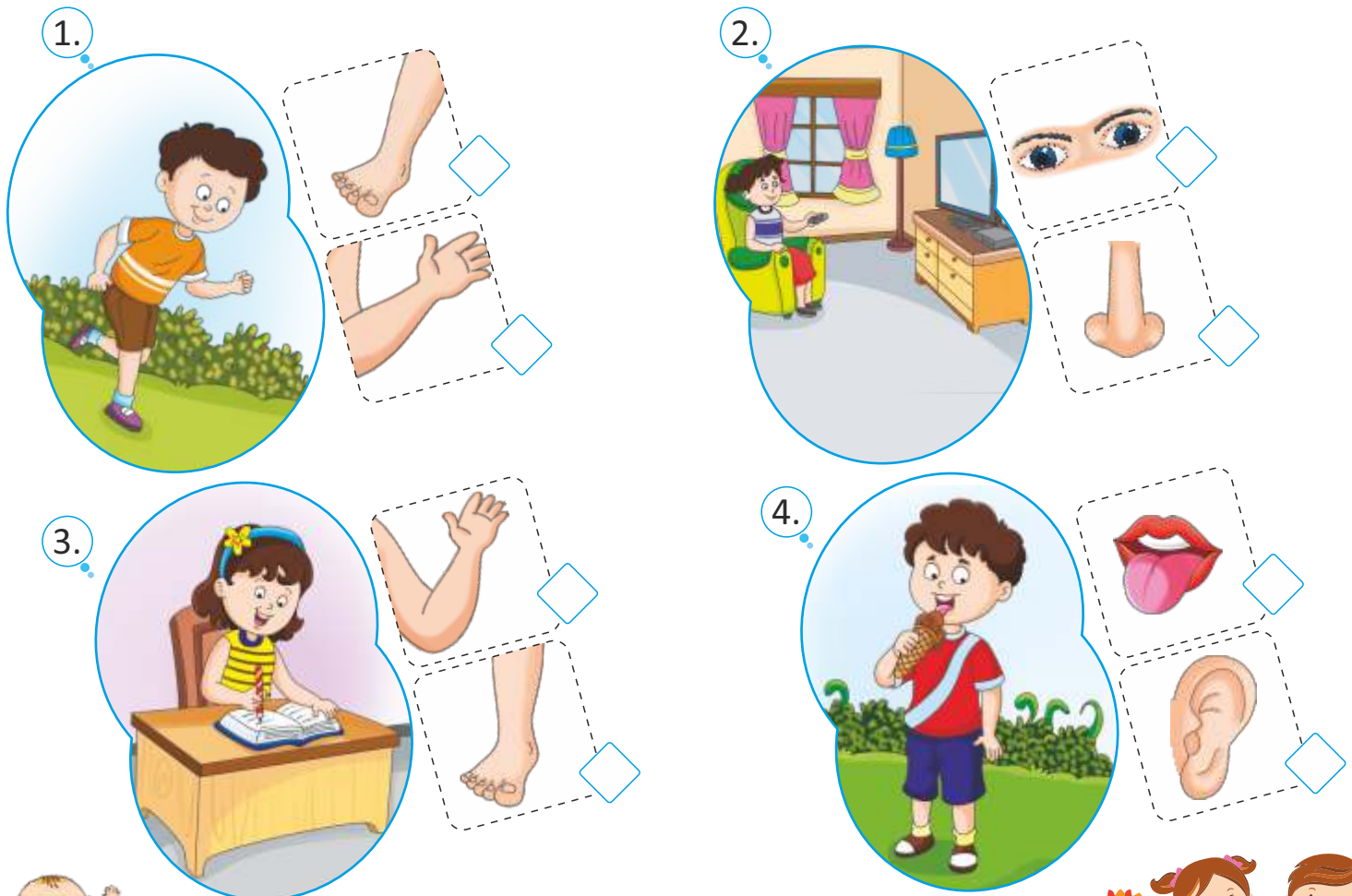
Our body has different parts. Point at them and say their names.



**A. Count and write how many each of the following body parts you have.**



**B. Tick (✓) the body part each child is using.**



Listen and repeat the rhyme.

Ten little Fingers, Ten little Toes,  
Two little Ears and One little Nose,  
Two little Eyes that shine so bright,  
And One little Mouth,  
To kiss Mother, GOOD NIGHT!

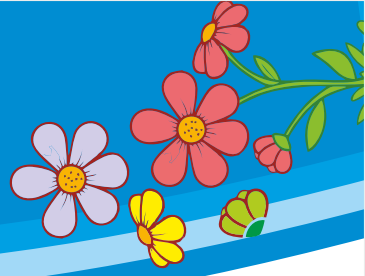






# 3

## Kavya and her Friends



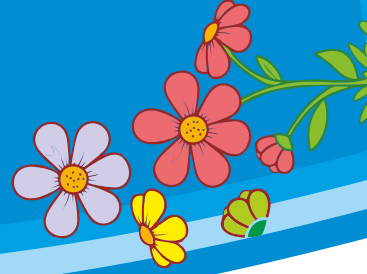
Look at the pictures and talk about them.





# 4

## My Senses

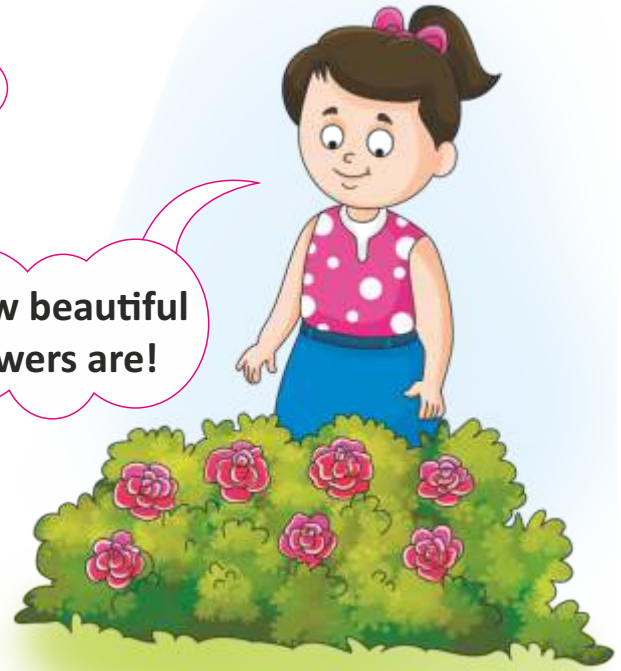


Look what Ria is doing in the garden.



This litchi is tasty.

Look how beautiful the flowers are!



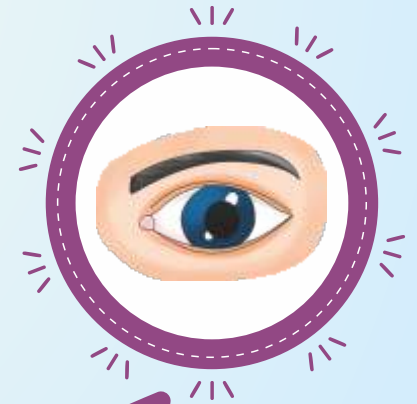
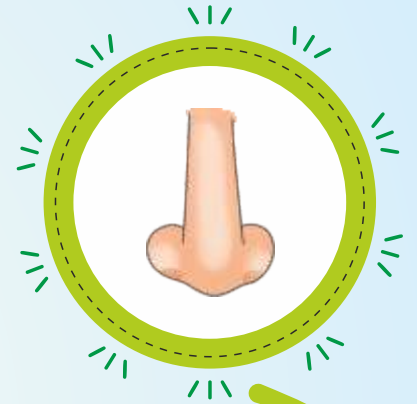
The sound of cuckoo is so sweet.



This flower smells so sweet.



Some body parts help us see, hear, smell, taste and feel. These body parts are called sense organs.



We have five sense organs. These are eyes, nose, ears, tongue and skin.





A. Tick (✓) the sense organ you will use to do the following activities.

To see an album



To taste a mango



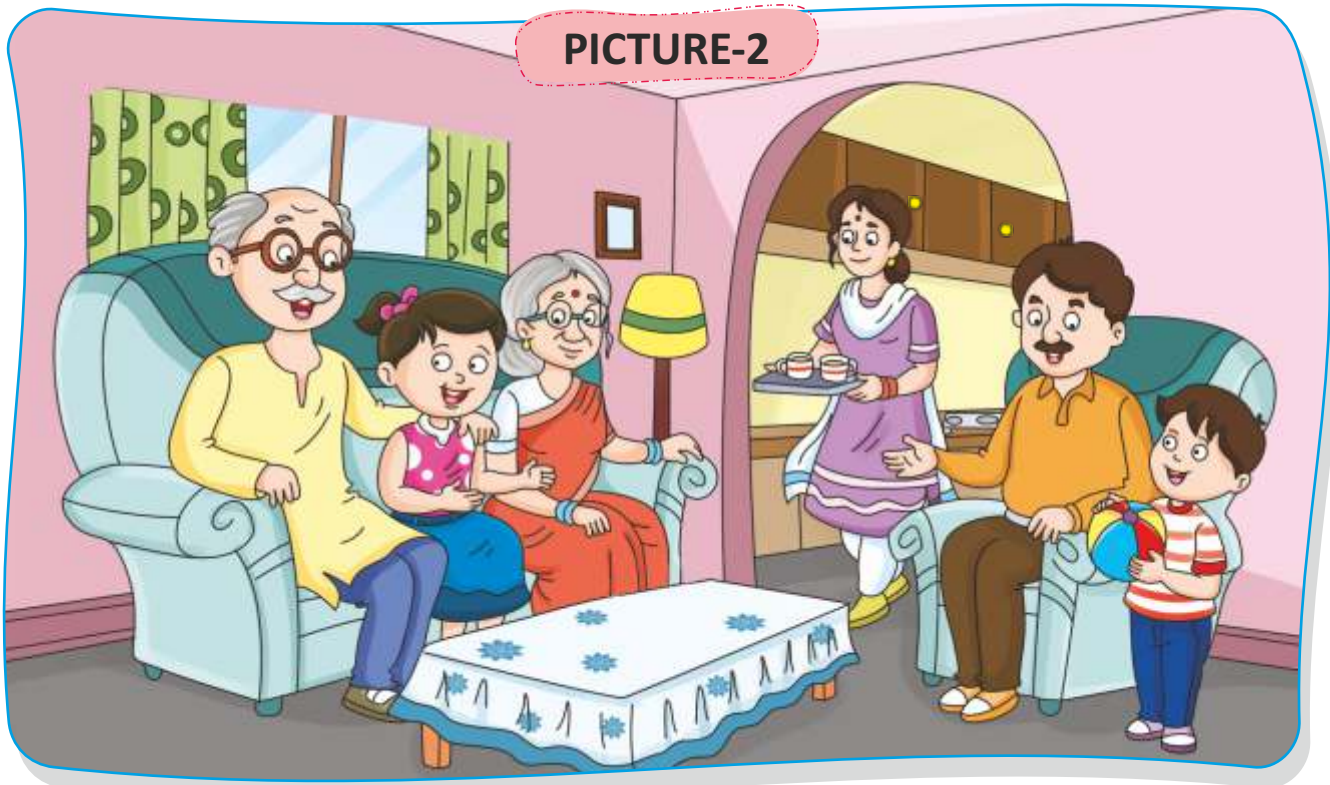
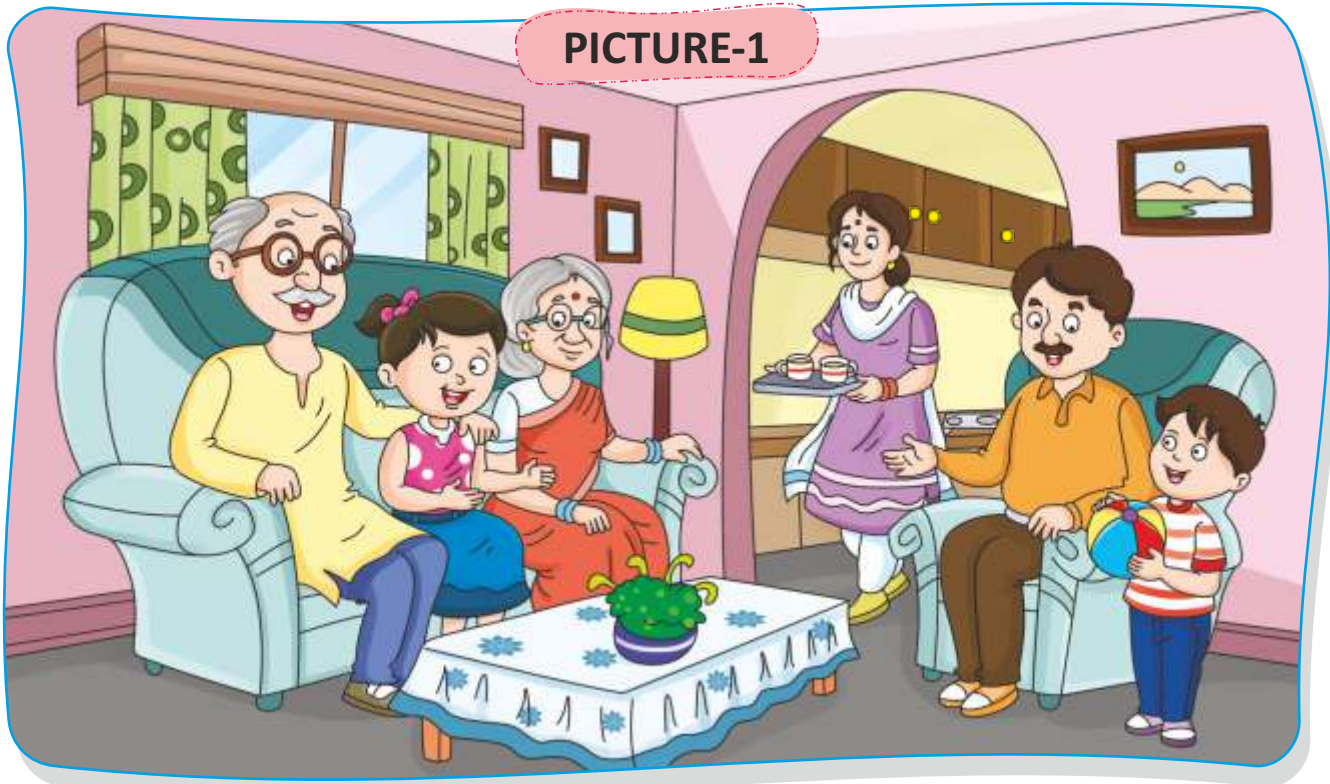
To feel softness of wool



To smell a rose



B. The two pictures given below appear to be same. But five things are missing in Picture-2. Circle those missing things.

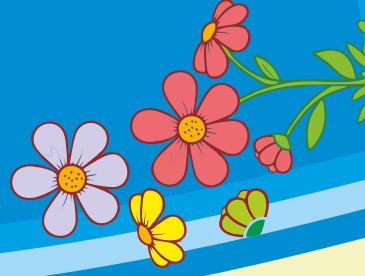






# 5

# My Family



Father

Raj

Mother

Mother, father and their children make a family.  
Raj has a small family.

Sister





Some families also have grandfather and grandmother. Ria has a big family. Look at her family.



Grandfather

Grandmother

Father

Brother

Ria

Mother

Look at Ria's family tree.





Tell the class what you call these family members in your mother tongue.



**Grandfather**



**Grandmother**



**Mother**



**Father**



**Sister**



**Brother**

**Listen and repeat the rhyme.**

You sew the buttons on my clothes,

You give me a hankie for my nose,

You make good things for me to eat,

You buy me candy for a treat,

You wash my clothes and mend my socks,

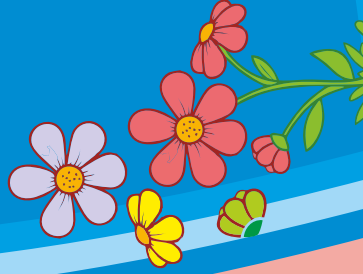
Dear Mother, I love you lots and lots!



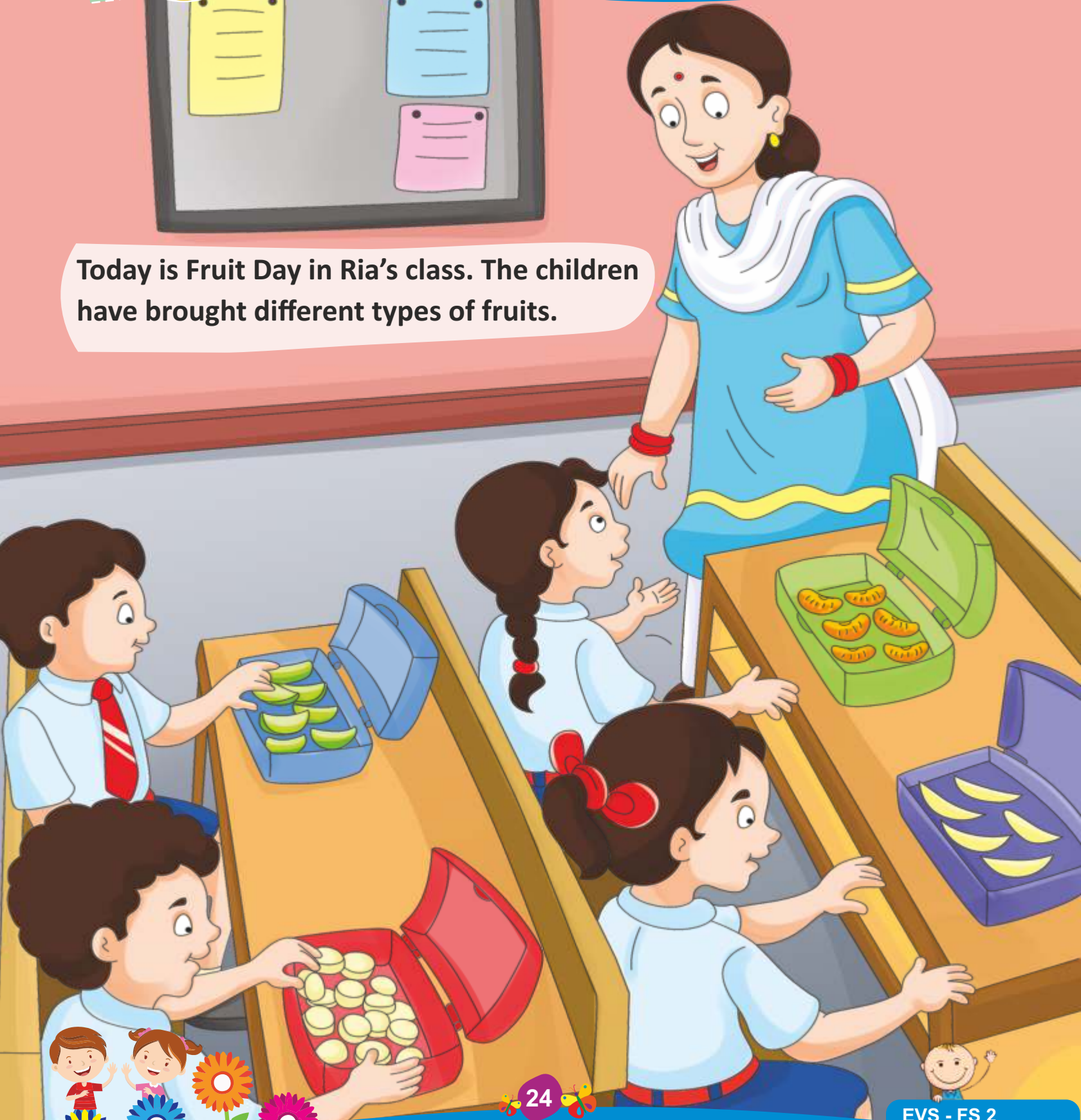


# 6

## Fruit Day



Today is Fruit Day in Ria's class. The children have brought different types of fruits.







Fruits are so tasty. They are very useful for our good health. Learn the names of these fruits.



**APPLE**



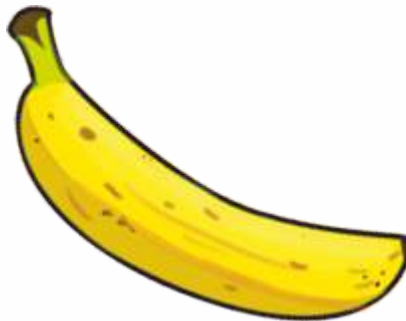
**WATERMELON**



**ORANGE**



**MANGO**



**BANANA**



**POMEGRANATE**



**GUAVA**



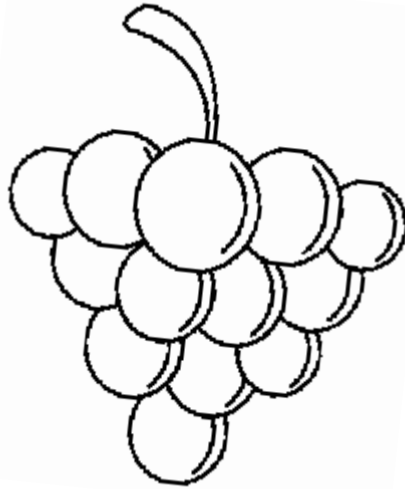
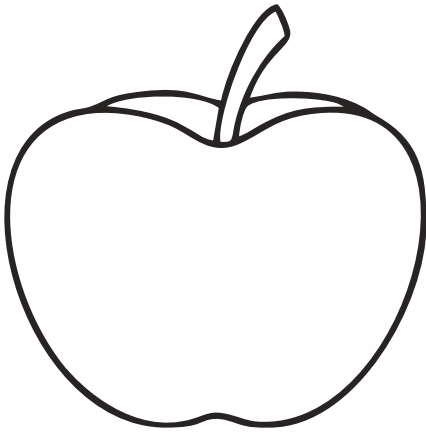
**GRAPES**



**PEAR**



A. Colour the fruits that you can eat without removing their skin.



B. Tick (✓) the fruits which are eaten with their seeds.



APPLE



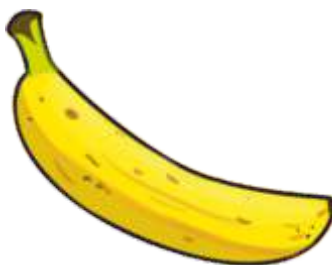
GUAVA



ORANGE



WATERMELON



BANANA



POMEGRANATE

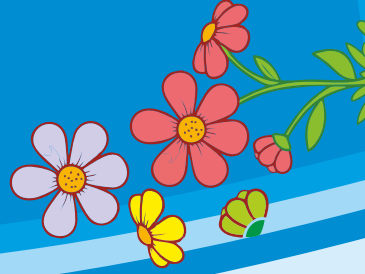






# 7

# Vegetables



This is Ria's kitchen garden. Her father grows vegetables in it.



Cabbage

Lady finger

Potato

Onion

Pumpkin

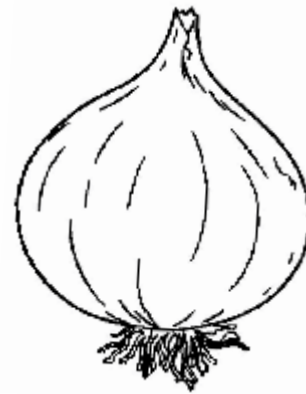
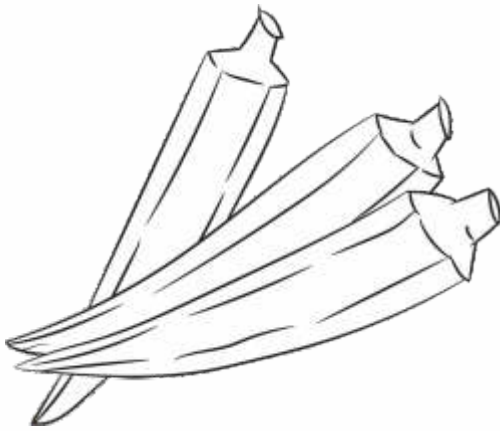
Cauliflower

Tomato

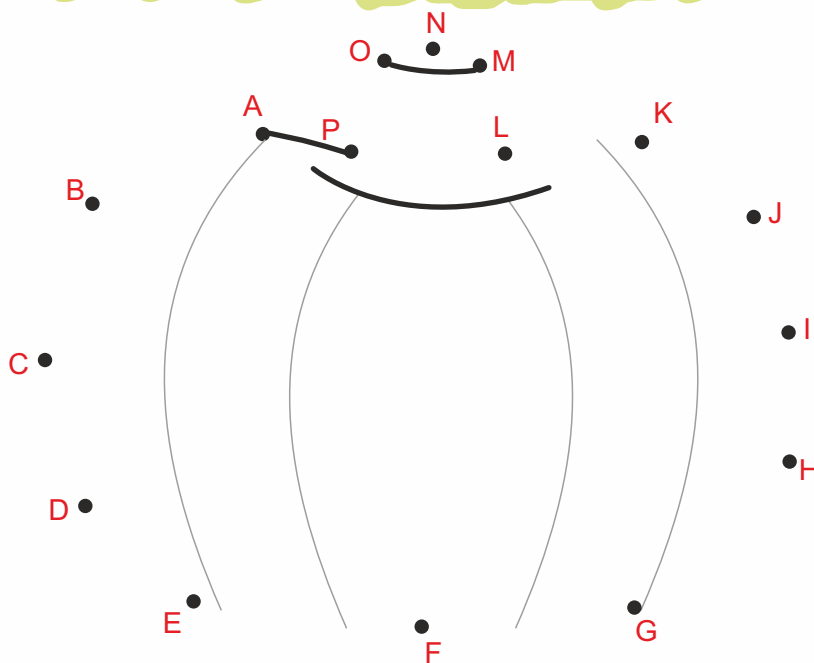
Bitter gourd



A. Colour these vegetables and say their names aloud.



B. Join letter A to P and trace the lines to draw the picture of a pumpkin. Also, colour it.

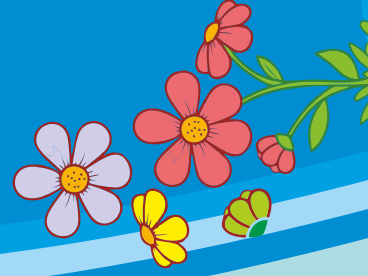






# 8

## Animals Around Us



Some animals live with us at our homes. They are called pet animals. Look what Ria and her pet dog are doing.

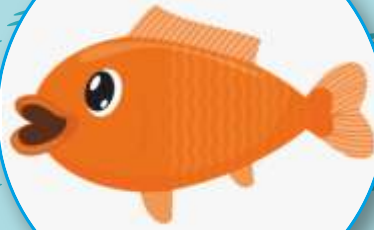




Here are some other pets.



Cat



Fish



Hamster

Some animals live on farms. They are called domestic animals. They are useful to us.



Cow



Sheep



Goat



Hen



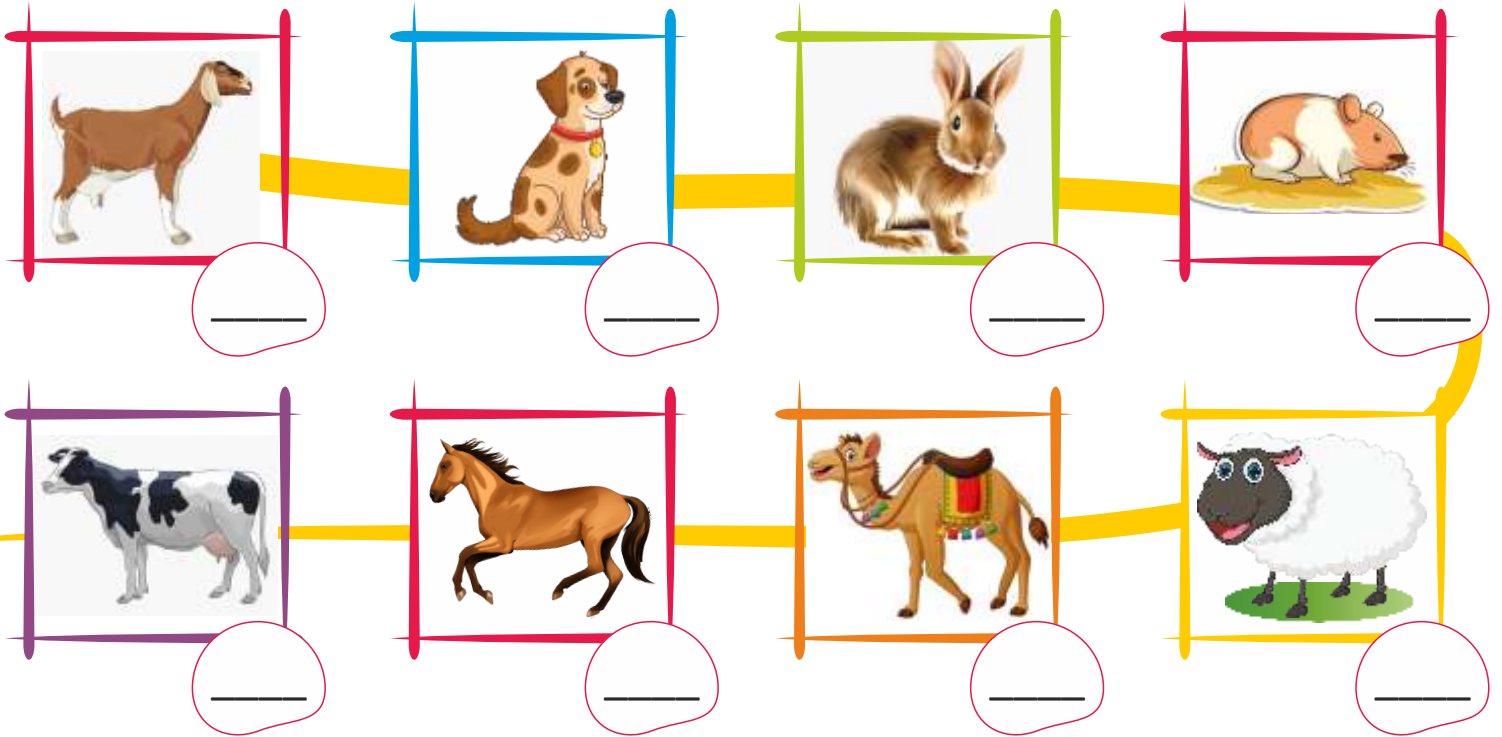
Horse



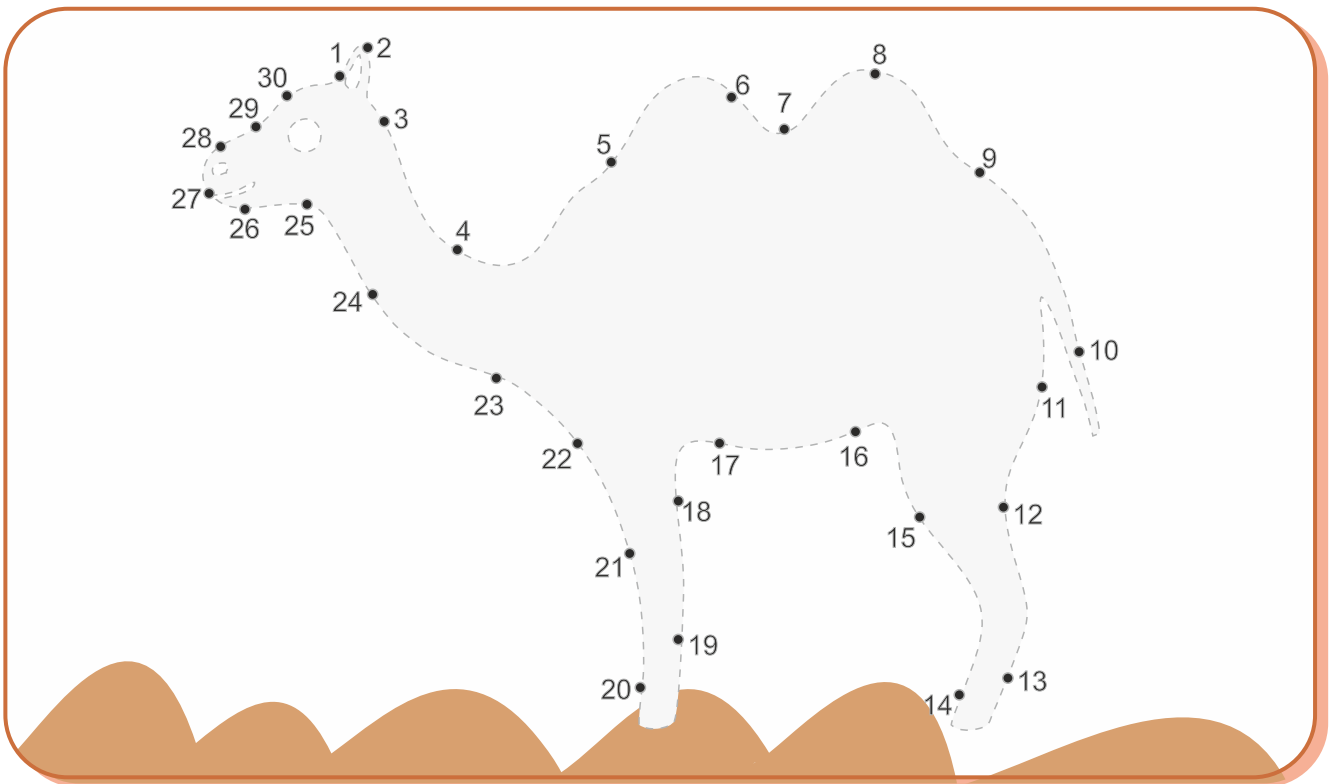
Camel



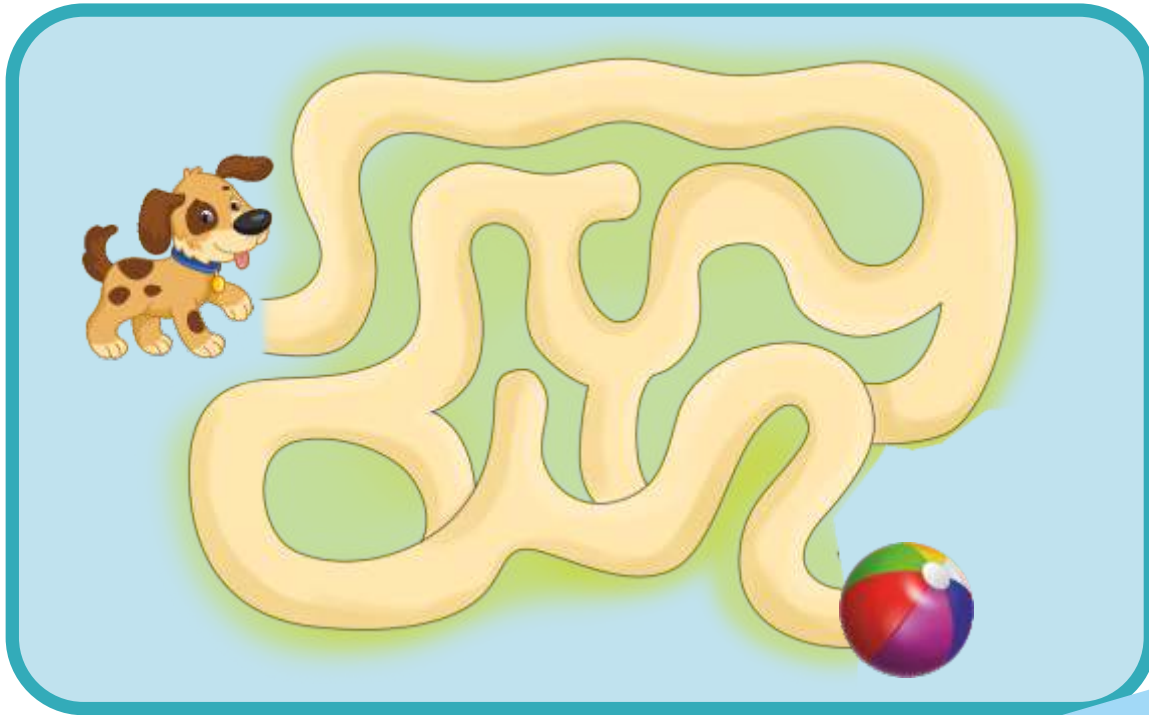
A. Write P for pets and D for domestic animals.



B. Join the dots from 1 to 30 and trace the lines to complete the picture of camel. Also, colour it.



C. Trace the correct path to help the dog reach the ball.



Listen and repeat the rhyme.



Baa-baa, black sheep  
Have you any wool?  
Yes sir, yes sir, three bags full.  
One for the master,  
One for the dame,  
And one for the little boy  
Who lives down the lane.

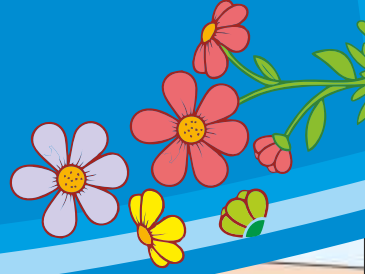






# 9

# Wild Animals



Ria has come to a zoo with her mother.

Bear



Wow!

Deer



Zebra



Elephant





Lion

Tiger

Giraffe

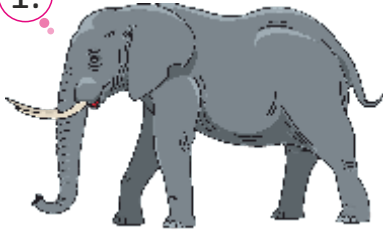
Hippo

Crocodile



A. Write the first letter of the names of these animals.

1.



\_\_\_\_\_

2.



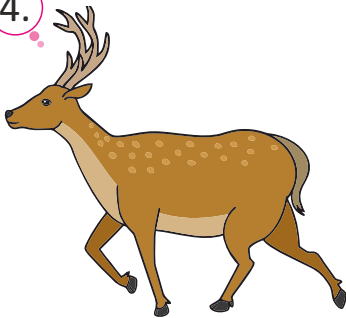
\_\_\_\_\_

3.



\_\_\_\_\_

4.



\_\_\_\_\_

5.



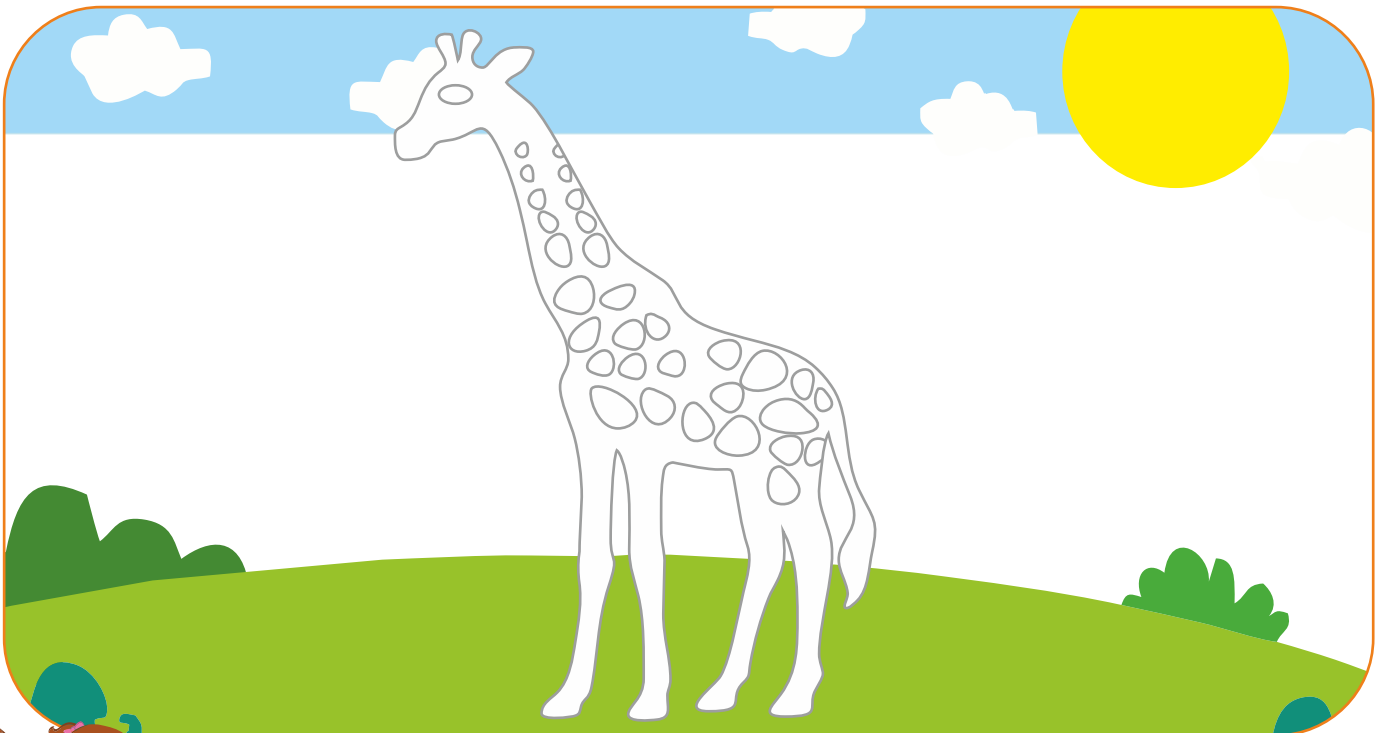
\_\_\_\_\_

6.



\_\_\_\_\_

B. Colour the picture of the giraffe.



### C. Match the animals with the pattern of their skin.



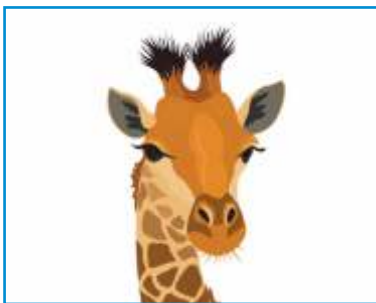
1.



2.



3.



4.



5.



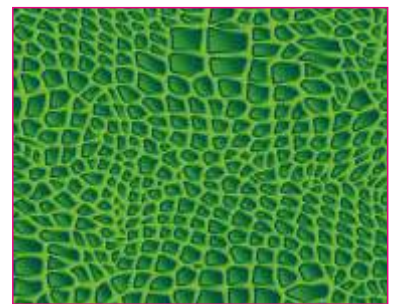
a.



b.



c.



d.



e.

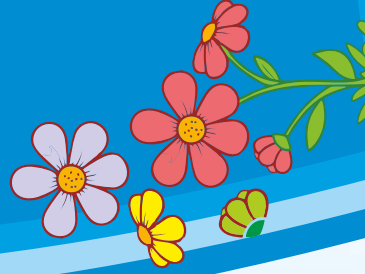






# 10

## Travel



We use different kinds of vehicles for travelling and carrying goods. We call them means of transport.





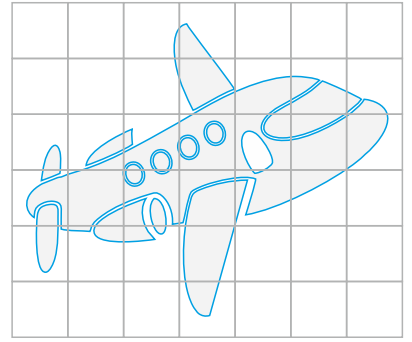
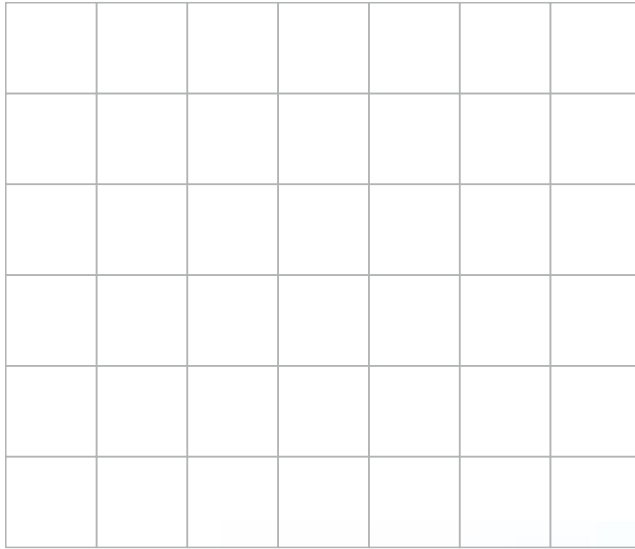
Look at the vehicles in both pictures and talk about them. See how some of them move on land, some in water and some in air.



A. Write L for land transport, A for air transport and W for water transport.



**B. Draw the picture of aeroplane in the grid as shown.**



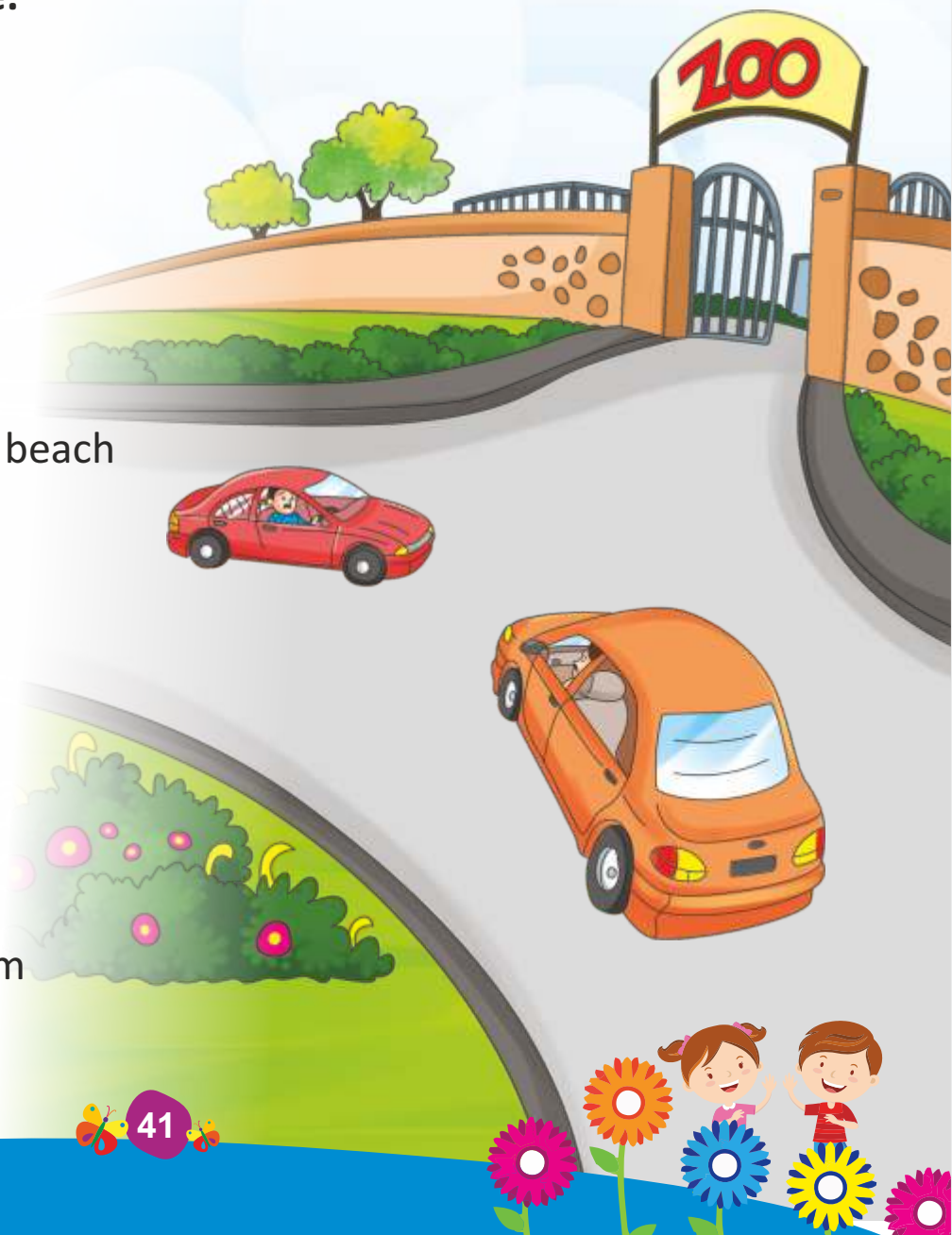
**Listen and repeat the rhyme.**

One little car  
Going to the zoo,  
Met another car  
Then there were two.

Two little cars  
Driving by the sea,  
One drove up from the beach  
Then there were three.

Three little cars  
Driving by the store,  
Another pulled out  
Then there were four.

Four little cars  
Out for a drive.  
Another car joined them  
Then there were five.

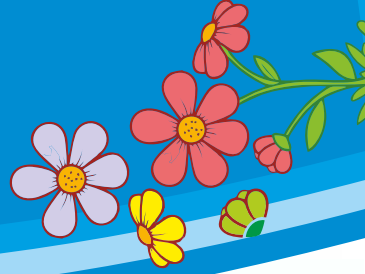






# 11

## Colours



Colours make the world so beautiful.  
Everything around us has a colour.  
Look what Ria is asking for.



Grandma, please buy a red balloon for me.

Sure, Ria!



Look at the picture and talk about it.



Can you identify this animal? This is panda. It is black and white.

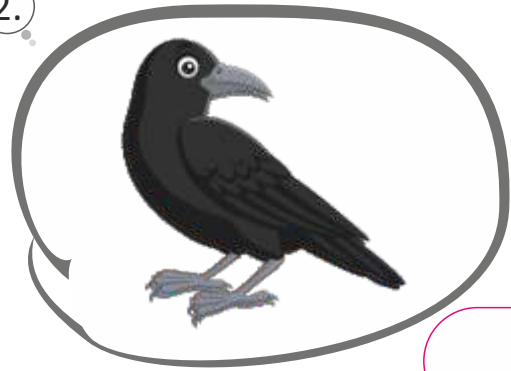


A. Identify the colours of these things. Write the first letter of the colour name for each picture.

1.



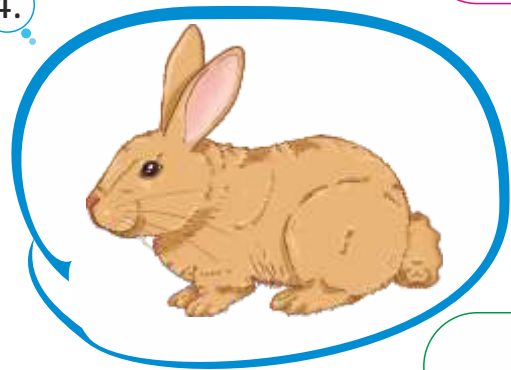
2.



3.



4.



5.



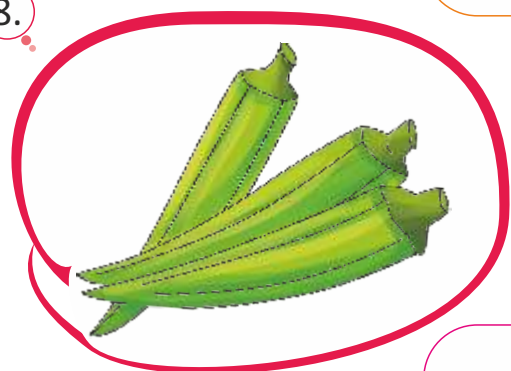
6.



7.

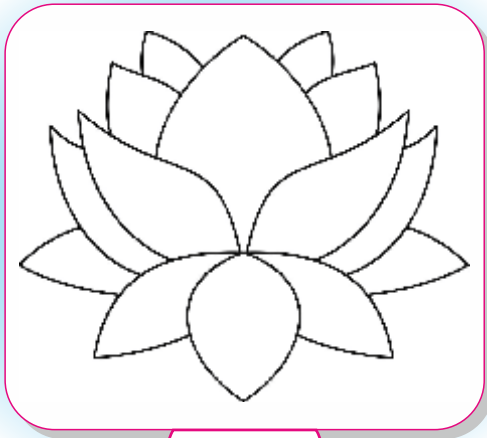


8.

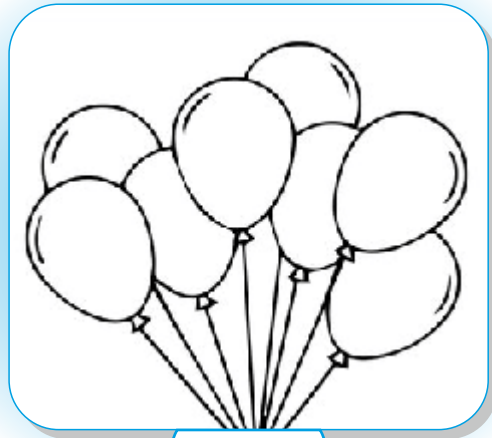




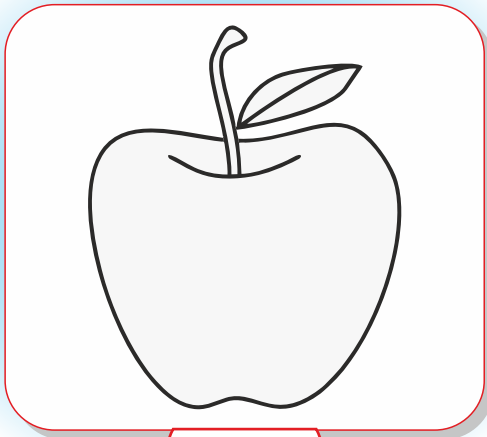
**B. Colour the following things as directed.**



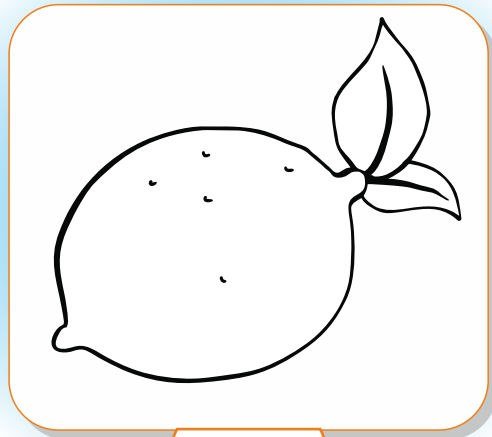
**Pink**



**Blue**



**Red**



**Yellow**



**Brown**



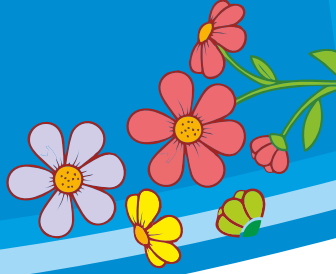
**Green**





# 12

## Air and Water



We need air and water. We cannot live without them. Look what Ria and Raj are doing.



What is this balloon filled with?



Air!

Air also helps in flying kites. We also need air to breathe.





We use water for



**Drinking**



**Bathing**



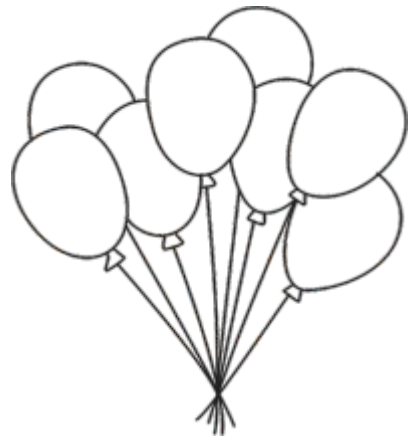
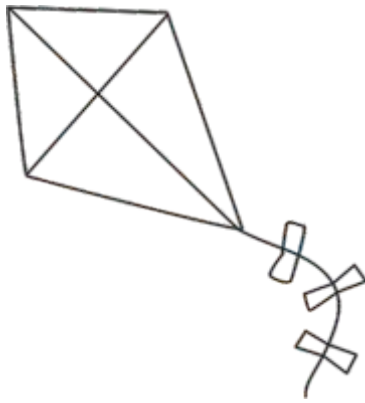
**Cooking**



**Washing Clothes**



**A. Colour the objects in which air is filled.**



**B. Tick (✓) the activities in which water is used.**





Now, carefully listen to the story.

One hot day, a thirsty crow flew all over the fields looking for water.



Suddenly, he saw a jug under a tree. There was a little water in it.

The crow tried to push his head into the jug. Sadly, he found that the level of water in the jug was too low.



He saw some pebbles. He suddenly had an idea. He started dropping them into the jug. The water level started rising.

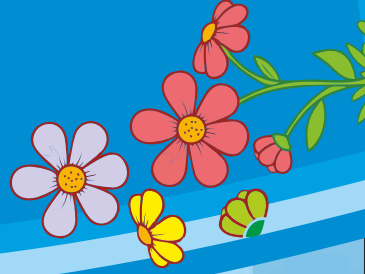
As more and more pebbles filled the jug, the water level kept rising. Soon it was high enough for the crow to drink. He quenched his thirst and flew away.





# 13

## Fancy Dress



There is a fancy dress competition in Ria's class. Look how the children have dressed up.



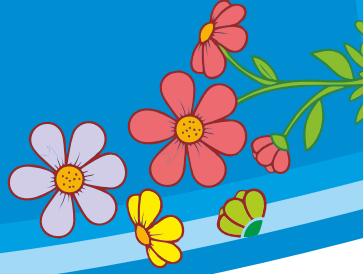






# 14

# Clothes



Do you know what types of clothes Ria and her family members have worn?

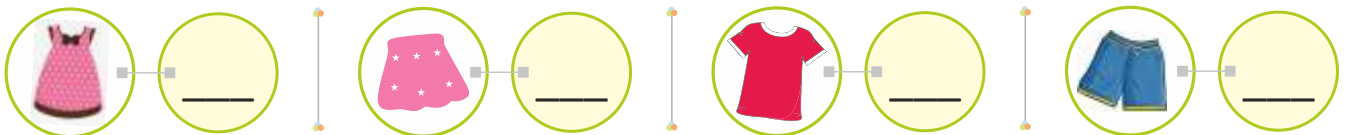




A. Draw beautiful designs on the frock and colour the picture.



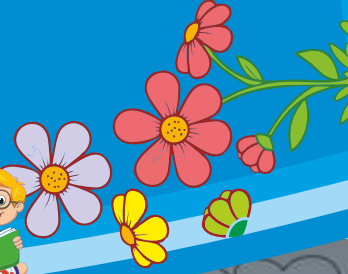
B. Count and write the different clothing items of each type in the given space.



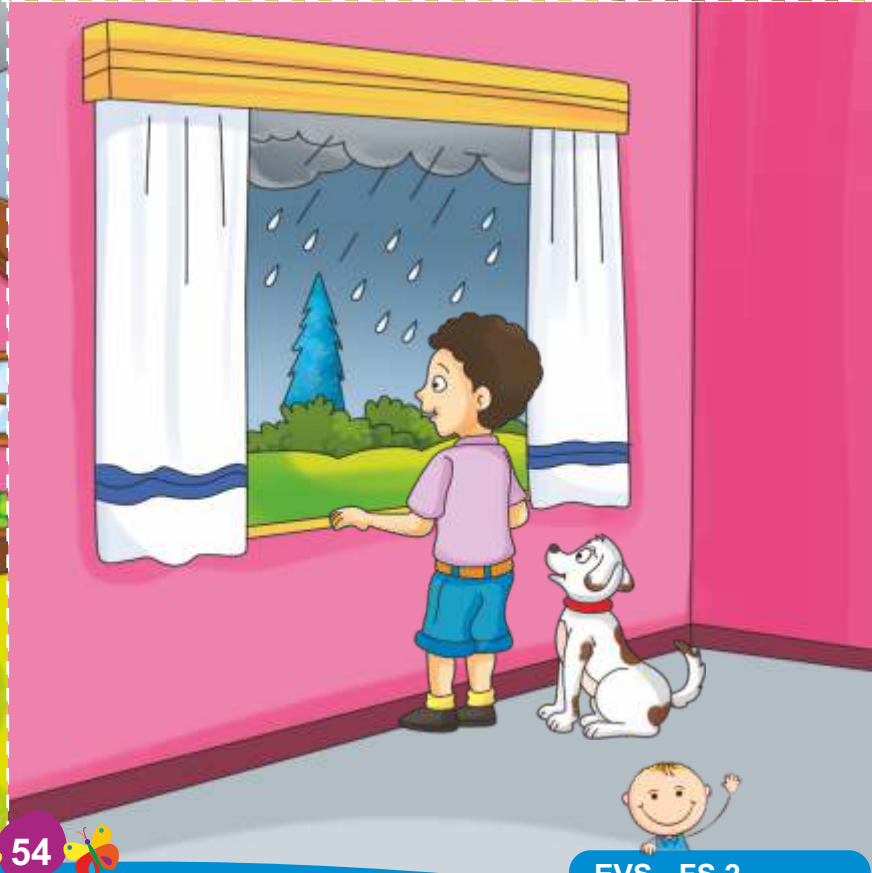


15

# Farhan and Tobo



Look at the pictures and talk about them.

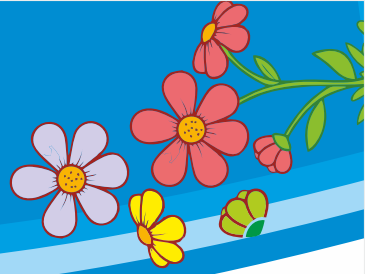




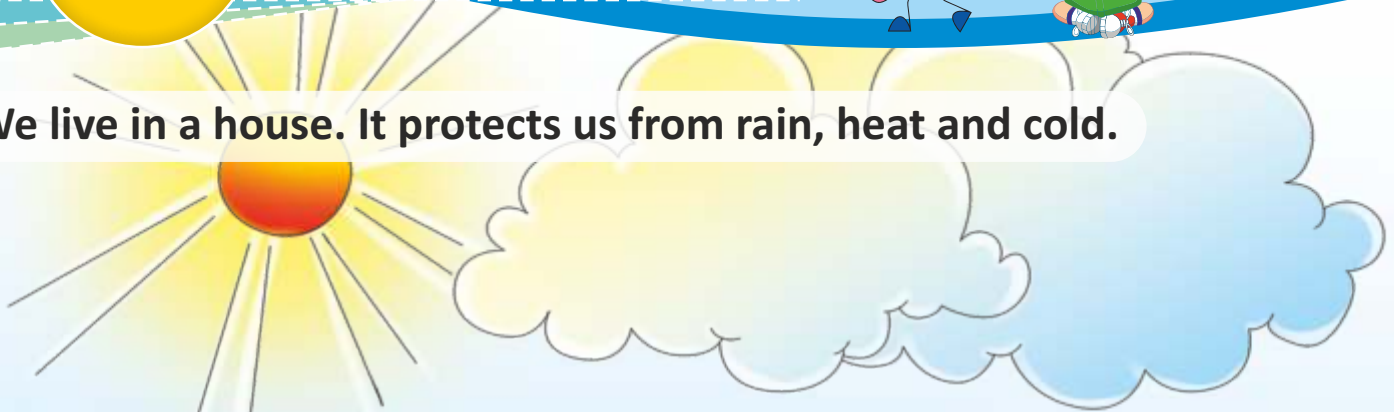


# 16

## House



We live in a house. It protects us from rain, heat and cold.



I am safe in my house.









These are some special types of houses.



Tent



Igloo



Houseboat



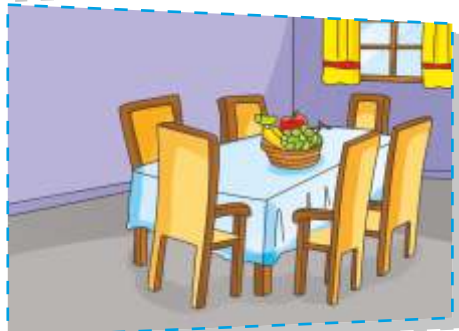
Caravan



# A. Match the rooms with related activities.



1.



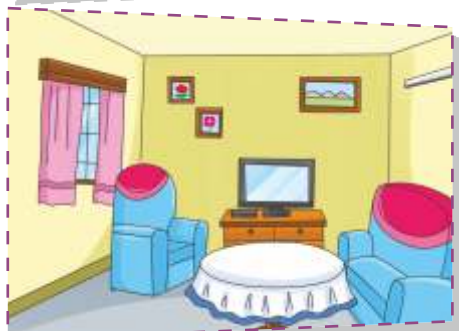
2.



3.



4.



5.

a.



b.



c.



d.

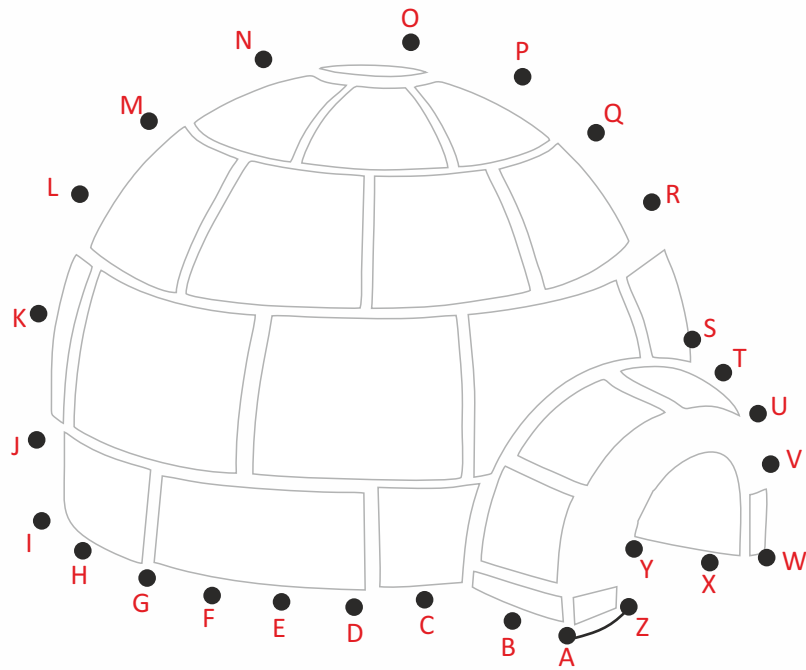


e.

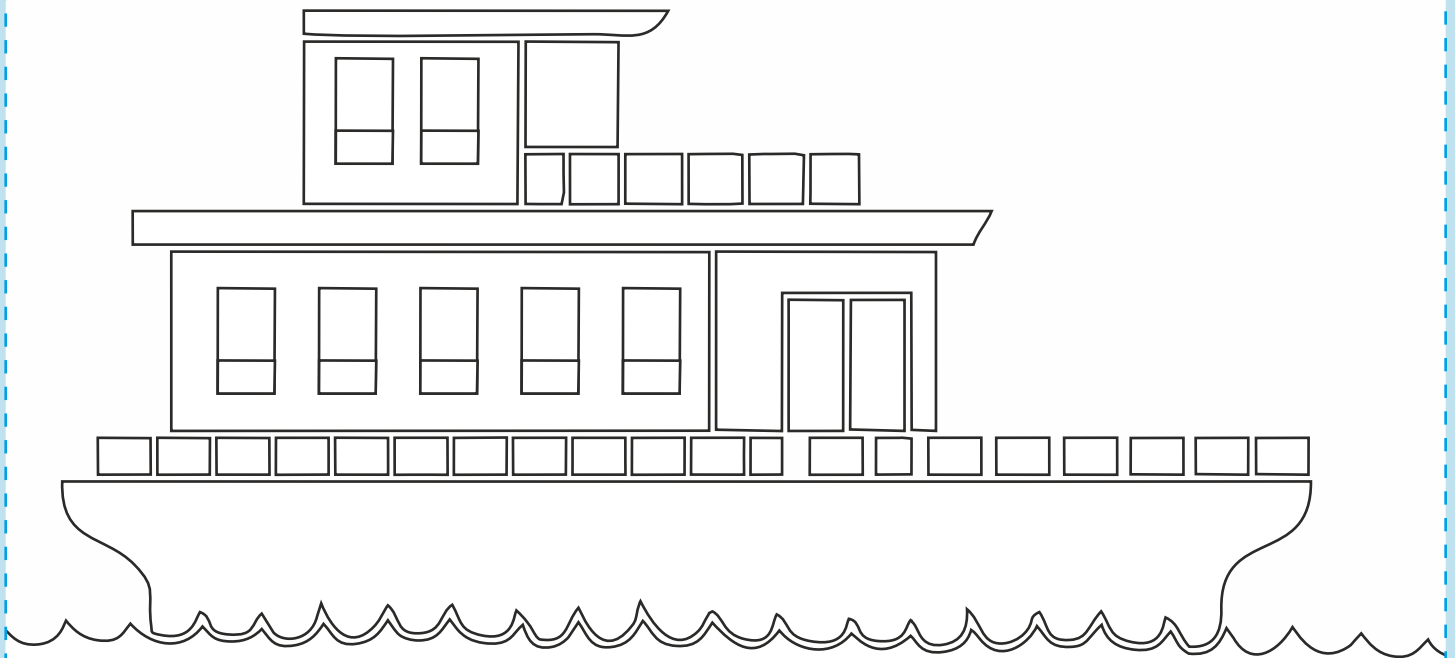




**B. Join A to Z to complete the picture of igloo.**



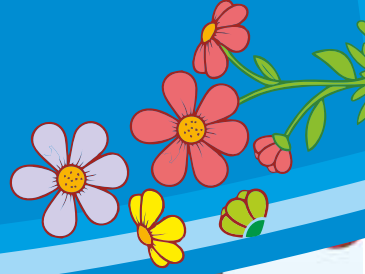
**C. Colour the picture of houseboat given below.**





17

# Our Helpers



Look at the picture and talk about it.

Give me a bouquet please.

Thank you, uncle!





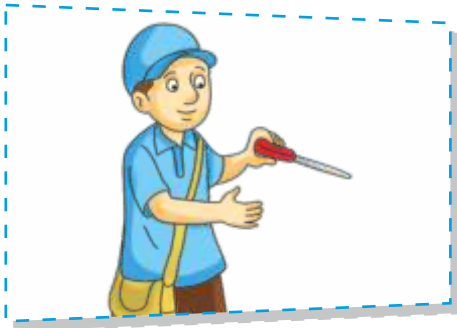
Do you know how these people help us every day?



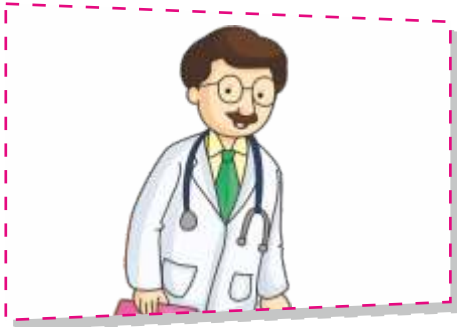
# A. Match the helpers with the things related to them.



1.



2.



3.



4.



5.



a.



b.



c.



d.



e.





Listen and repeat the rhyme.

Farmer, farmer!  
How are you?  
We wish to thank you,  
For giving us food!

Cobbler, cobbler!  
How are you?  
We wish to thank you,  
For mending our shoes!

Doctor, doctor!  
How are you?  
We wish to thank you,  
For keeping us well and good!

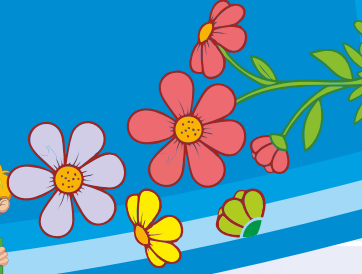
Teacher, teacher!  
How are you?  
We wish to thank you,  
For helping us things to do!





# 18

## Places Around Us



POST OFFICE

Look at the pictures and talk about them.

STAMPS





Here are some other places in our neighbourhood.



Park



Market



Hospital



Fire Station



Bank



School



# A. Match the pictures correctly.



1.



2.



3.



4.



5.



a.



b.



c.



d.



e.





B. Help the man reach the bus stop. Colour the road that leads to the bus stop.



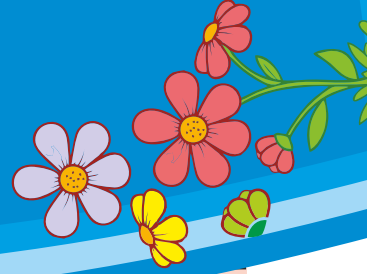
C. Colour the picture and talk about it with your partner.





# 19

## Keeping Fit



Follow these healthy habits to keep fit!



Brush your teeth twice daily.

Take a bath every day.



Eat healthy and fresh food.



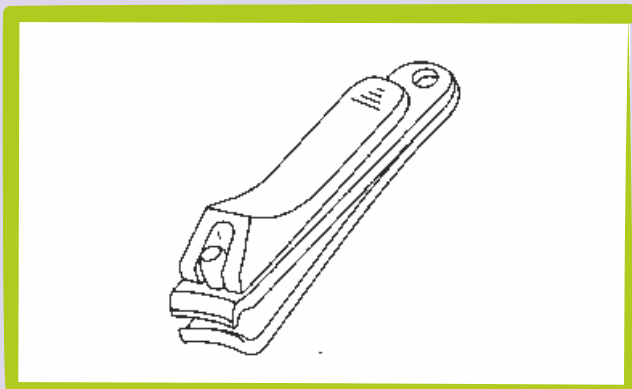
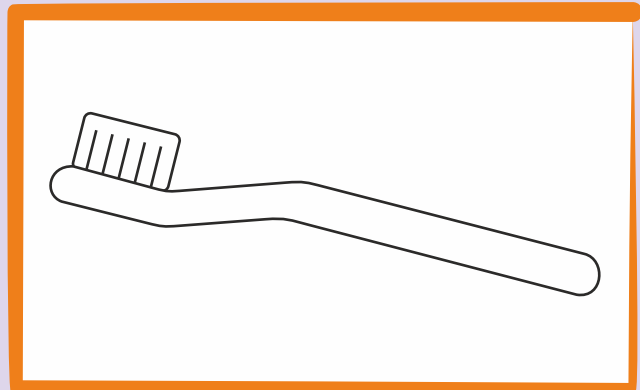
Wash your hands before and after eating.



Play and practise yoga every day.



Colour the pictures.



Listen and repeat the rhyme.



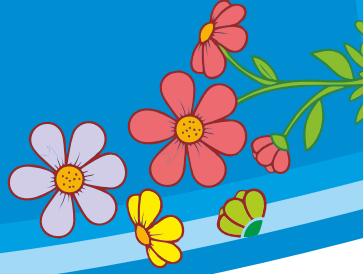
Take a toothbrush  
And some paste,  
Brush your teeth  
Left and right,  
And up and down  
The germs go away,  
When you rinse  
Your mouth.



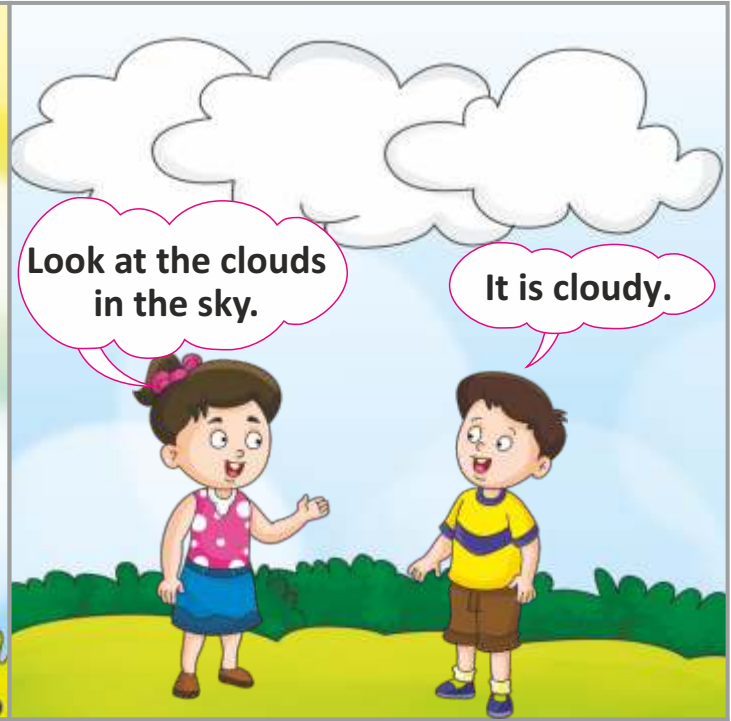


20

# Weather



Look at the pictures and talk about them.





## A. Match the pictures.



## B. Join the letters from A to Z to make an umbrella. Also, colour it.

The puzzle consists of a central umbrella shape formed by a curved line and a vertical line. The letters A through Z are scattered around the umbrella. The letters are: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. The letters J, K, L, and S are already connected to form the umbrella's frame.

# TEACHER'S OBSERVATION REPORT

Continuous observation of children's progress by the teacher is an important aspect of **NIPUN BHARAT**. We can assess a child's development in different skills by closely observing them throughout the academic year. Here is a chart to be filled in by the teacher. The chart will be helpful for the parents also to help and guide their children accordingly.

Sl.No.	Area of Observation	Requires attention/assistance from facilitator	Able to complete tasks with little assistance	Able to complete tasks without assistance	Hard spots	Remarks
1.	Physical and Motor Skill					
2.	Cognitive Skill					
3.	Social-emotional Skill					
4.	Cultural/Artistic Skill					
5.	Communication and Early Language Skill					
6.	Literacy Skill					
7.	Numeracy Skill					

