

Lesson 7



Shelter For All



Learning Outcomes

Pupils will be able to:

- speak about the importance of shelters identify the places of living in their neighbourhood and infer that shelter is primary need to all living things.
- identify different types of houses and find reasons for poor living conditions find out the diversity of shelters depending on climate. understand that birds, animals and insects too need a shelter.

Why do we need houses ?

We all need a house to live in. A house protects us from heat, cold, rain, dust, wild animals etc.

One day, Raju and his grandfather were passing through a street. They found a new house being built in the place of an old one.

Grandfather : Oh! A new house is being built.

Raju : Ah Thatha, it's so big.

Grandfather : But there was a hut, and a dhobhi used to live here.

Raju : Thatha, what about our house, was it rebuilt?

Grandfather : Yes, when your father was young, we lived in a tiled house.

Raju : Oh! Now we live in a pucca house. So there are different types of houses, aren't they thatha?

Grandfather : Yes dear, early man lived in caves. But now, man lives in different types of houses.

Raju : In caves? That's a wonder!

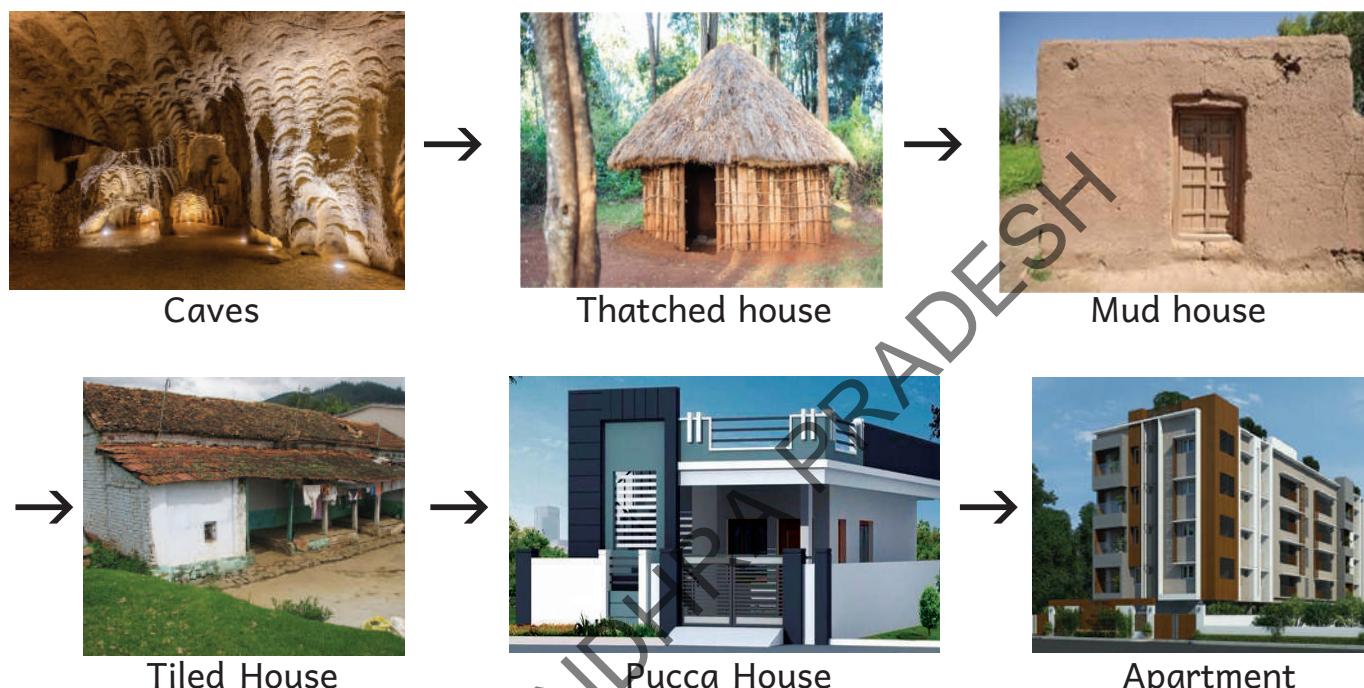


Grandfather : After we reach home, I will give you a book. It is about the different types of houses. You can read and get to know about them.

Evolution of houses

Let us learn about how people lived many years ago.

Observe the flowchart given below which shows the evolution of houses.



Elders talk

Talk to your grandparents and find out the kind of houses they lived in.

Different types of houses

We have learnt about the evolution of houses.

Now, let us know how people make their homes in our surroundings.



People build houses depending on

- climate
- economic condition
- materials available
- land availability

Let's get to know about some people and types of houses they live in.

I am Chenchayya. I live in the deep Nallamala forest. This is my house. There are many animals and birds around us. My parents collect different types of fruits, tubers, honey, tamarind and soapnuts in the forest. They sell them in the market (santha) and buy rice, vegetables, soaps, provisions necessary for us.



the house is good.
Yes! it's different from my house.

How is the house?



Is it different from your house?

If yes, how is it different?

Observe Chenchayya's house.

house
so, my hose is a town home and looks stronger.



I'm Raju. We live in a hut. The walls are made of bamboo. The roof is covered with straw or leaves of coconut or palm.

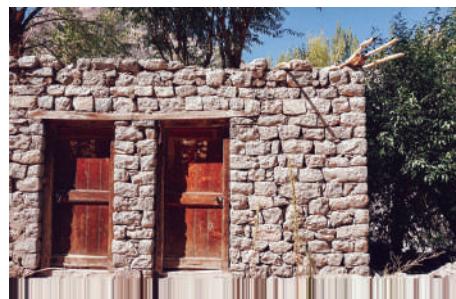


I'm Mary. We live in a tiled house. The walls are made of brick and cement. The roof is covered with tiles. We have a neem tree and a small garden.



I'm Vijay. We live in a house made of mud. Mud is made into blocks and dried in the sun. The walls and roof are built with these blocks. My house is cool during summer.





I'm Joseph. We live in a stone house. The walls and roof are made of stones. This type of house is found in Rayalaseema districts.



I'm Rajiya. We live in the third floor of Star apartments. The walls are made of bricks, cement and wood. The roof is made of concrete. It is built on pillars.



I am Rasool. We live in a pacca house (villa). The walls are made of bricks and cement. There are four rooms in our house. The floors are laid with marble. There is a beautiful garden and car parking area.



I'm Sailu. We live in a tent. Tents are made of canvas cloth. Bamboo poles are used as a support. We move from place to place in search of living.



We also find construction workers putting up tents at building sites. Military soldiers put up tents at their work place. People working in the circus too set up tents because they move from one place to another.



Caravan : It is a house on wheels. It can be driven from place to place.

- What kind of house do you live in?

Houses that keep changing locations and can be moved to other locations are called temporary houses. Houses that cannot be moved or taken to different locations are called permanent houses.

Kutcha and Pucca houses

We have learnt about different types of houses. Houses are divided into two categories. They are Kutcha houses and Pucca houses.



The houses made of mud and straw are called Kutcha houses. All huts are Kutcha houses.

The houses made of bricks, sand and iron are called Pucca houses.

They are very strong.



because they are made of different things.

Think and Discuss

- Why are houses so different from one another?
- Some families cannot settle at a permanent place. They move from place to place. Why is it so? What are the problems they are likely to face?

They may move because of their jobs. When they go to a new place they have to adjust to new environment, new people, make new friends etc.

Activity

Identify and name the houses given below:



thatched house
huts



tiled house



pucca house
pucca house

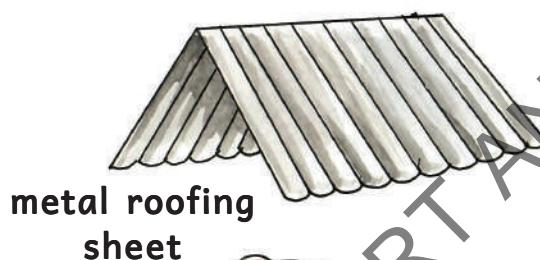


apartment

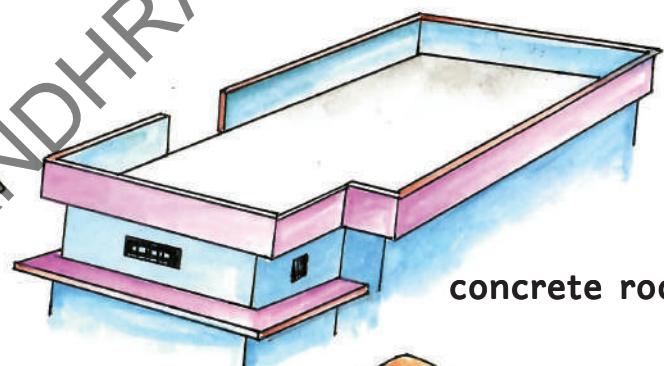
Different types of roofs

The top portion of a house is called the roof.

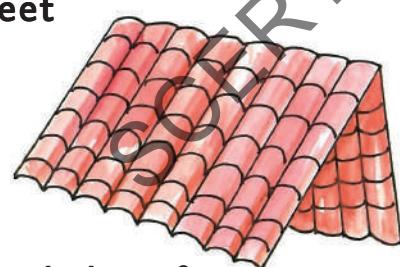
Observe the picture of various types of roofs given below.



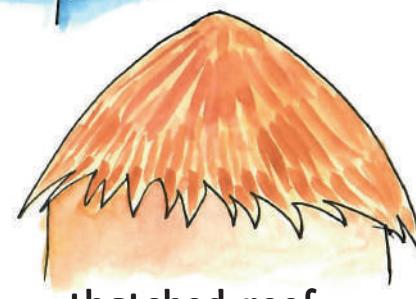
metal roofing sheet



concrete roof



tiled roof



thatched roof

You noticed that the roofs of all the houses are not alike. Some are flat and some have a slope.



Why do houses have sloped roofs?

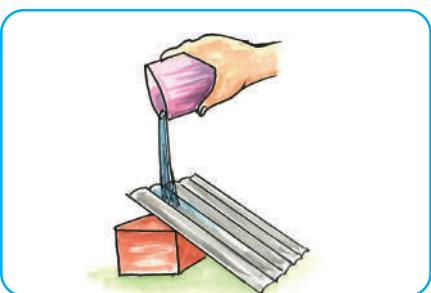
because the houses have to look good; To
drain rain water⁶⁹, snow etc!
houses have to
house has to

Because it has a higher slope,
the water goes faster in sheet 3.
The water will not go.

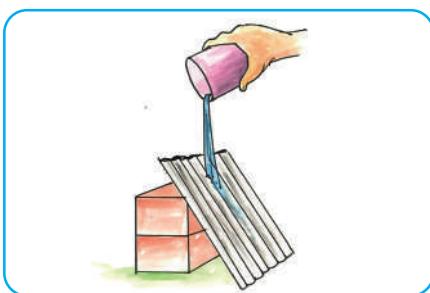
Let us Do



1. Sheet placed on the floor.



2. Sheet placed against a brick.



3. Sheet placed against two bricks.

In which of the above sheets does water flow down quickly? Why?

What will happen if the thatched house roof is flat like a building?

Facilities in a House

Anusha lives with her parents and two brothers in a house which has two rooms. They cook and eat in one room, watch TV or study or sleep in the other room.



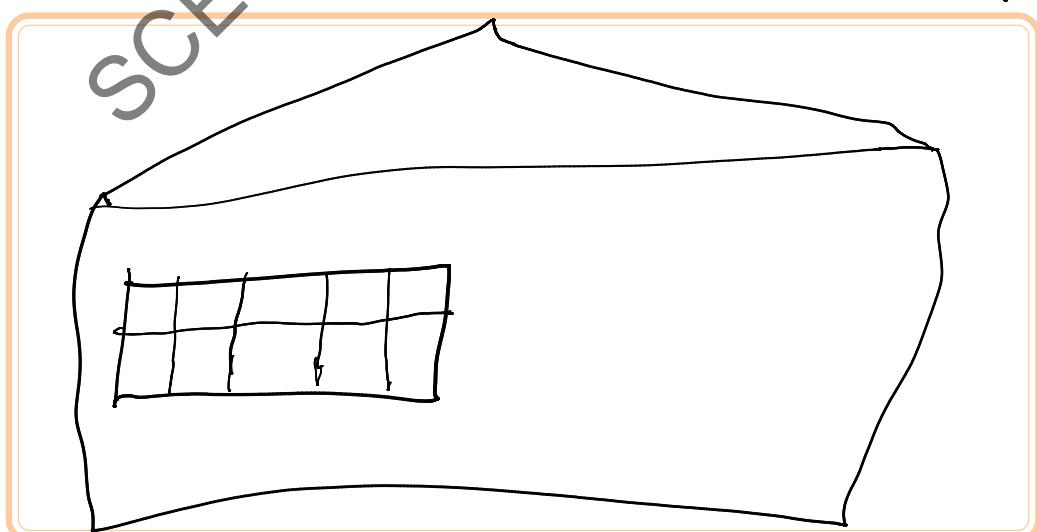
Preethi's family lives in a house with a single room. Imagine how do they live there. How is your house?

What facilities are there in your house? →

Food, electricity etc. are the facilities in our house.

Activity Draw a house that you like.

Running water, washing machine, Dishwasher, Vacuum cleaners.



Visit your neighbour's house and observe the facilities they have.

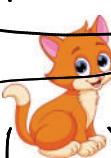
A list of facilities is given in the table below. Put a tick mark (✓)

S.No.	Facilities available in the house	Yes	No
1.	Living room (Hall)	✓	
2.	Bedroom	✓	
3.	Kitchen	✓	
4.	Toilet	✓	
5.	Garden		✗
6.	Water facility		
7.	Electricity	✓	
8.	Doors	✓	
9.	Windows	✓	

Neat and tidy

A house may or may not have all the facilities, but still it is important to keep our house neat and clean.

→ Yes! We keep our house clean.



Do you keep your house clean?

Where do you keep your books, pens and pencils after studying?

will be dirty. What would you do if you don't have a dustbin at home? the house

Some houses look clean. When we look at such houses, we feel that the things are arranged well. Some houses look ugly. Whatever the type a house might be, a hut, a tiled house or a pucca house, if we keep things in order, it will look neat and tidy. A clean house keeps us healthy.

the house looks ugly.

What happens if you leave garbage around your house?

When you leave garbage all around without cleaning, foul smell comes out and mosquitoes and flies breed. We should always throw garbage and dirt away from our house. Hence, a house should be cleaned from time to time.

Homeless People

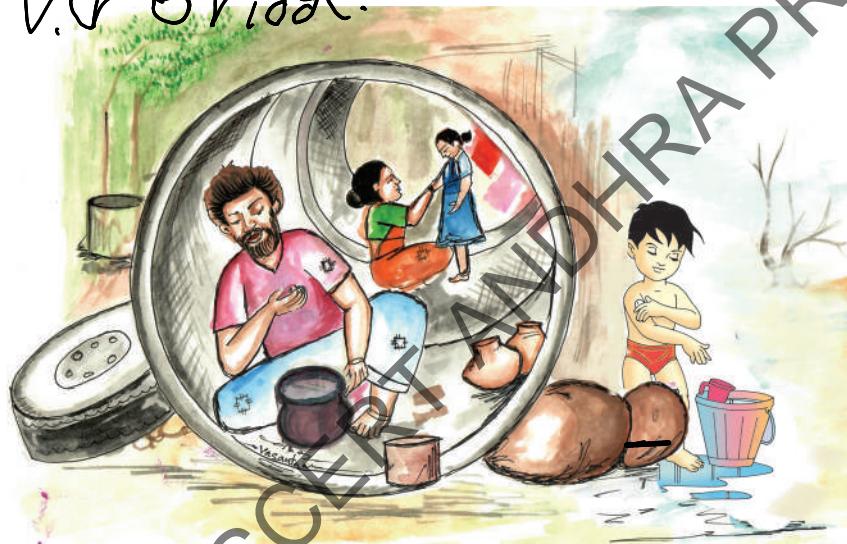
Lakshman has migrated to Visakhapatnam from his village. He is in search of a job. His family had to stay for a few days at the railway station. They did not find a place to live in. So, they moved under a flyover bridge.



Have you noticed people living under flyover bridges or in pipes?

no!

I haven't noticed people living under pipes or flyover bridge.



People living in pipes



People living on platforms

What are the reasons for them to live like that?

The reason is they don't have a home.

- How do they protect themselves from rain, cold, winds etc.?
- Have you seen people living in pipes? no! I haven't seen them because they can't find home.
- Why don't some people have homes? I don't know.
- What problems do they face? I feel average.
- How do you feel when you see homeless people? I feel average.

The bridge protects them just a little bit.

Homes of Animals

YES

We have seen where people live. Have you ever thought of animal homes?

Look at the given picture.



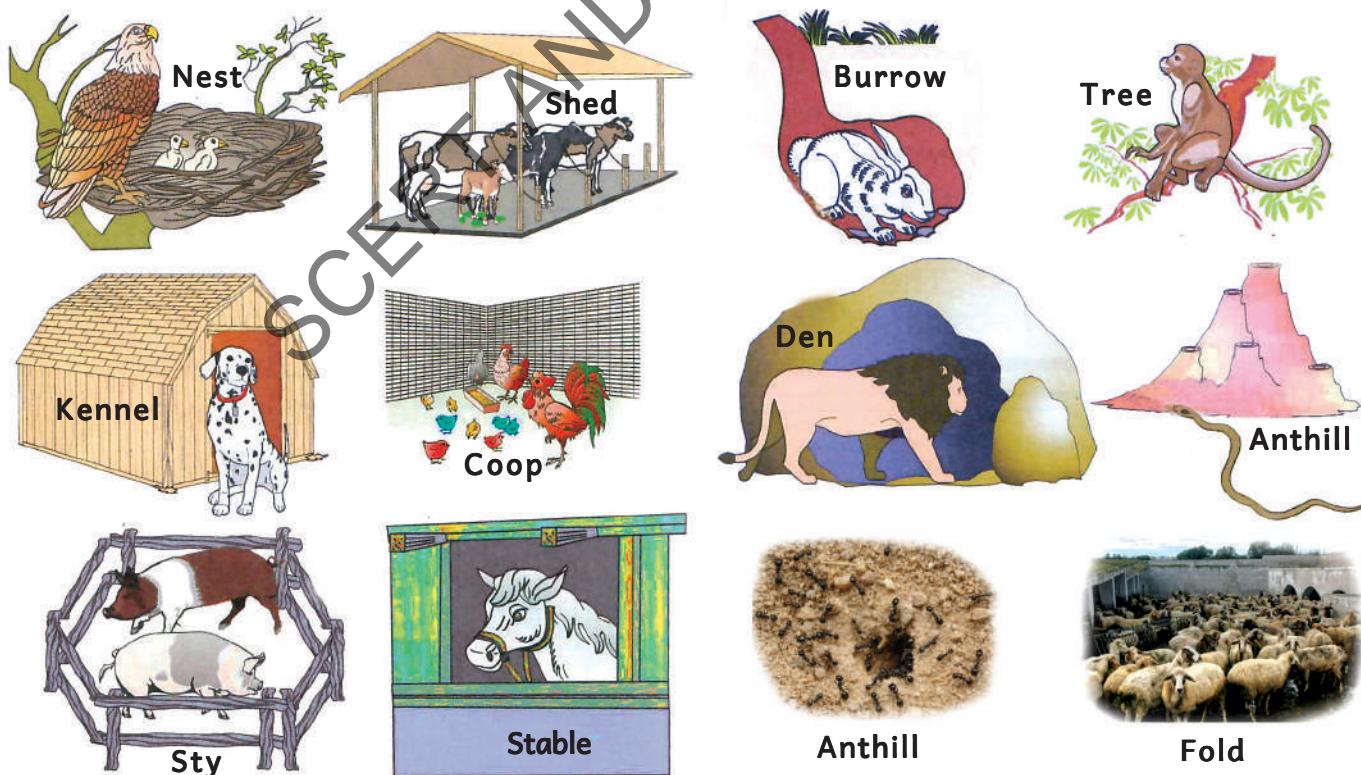
Why do animals need homes?
~~have to live~~

~~because they~~
~~need protection from weather elements and other animals~~

Animals also need homes to live in. Homes keep animals safe from heat, cold, rain and enemies. They live in different types of shelter. Some animals live in the wild. Some live with us. A few animals build homes on their own.

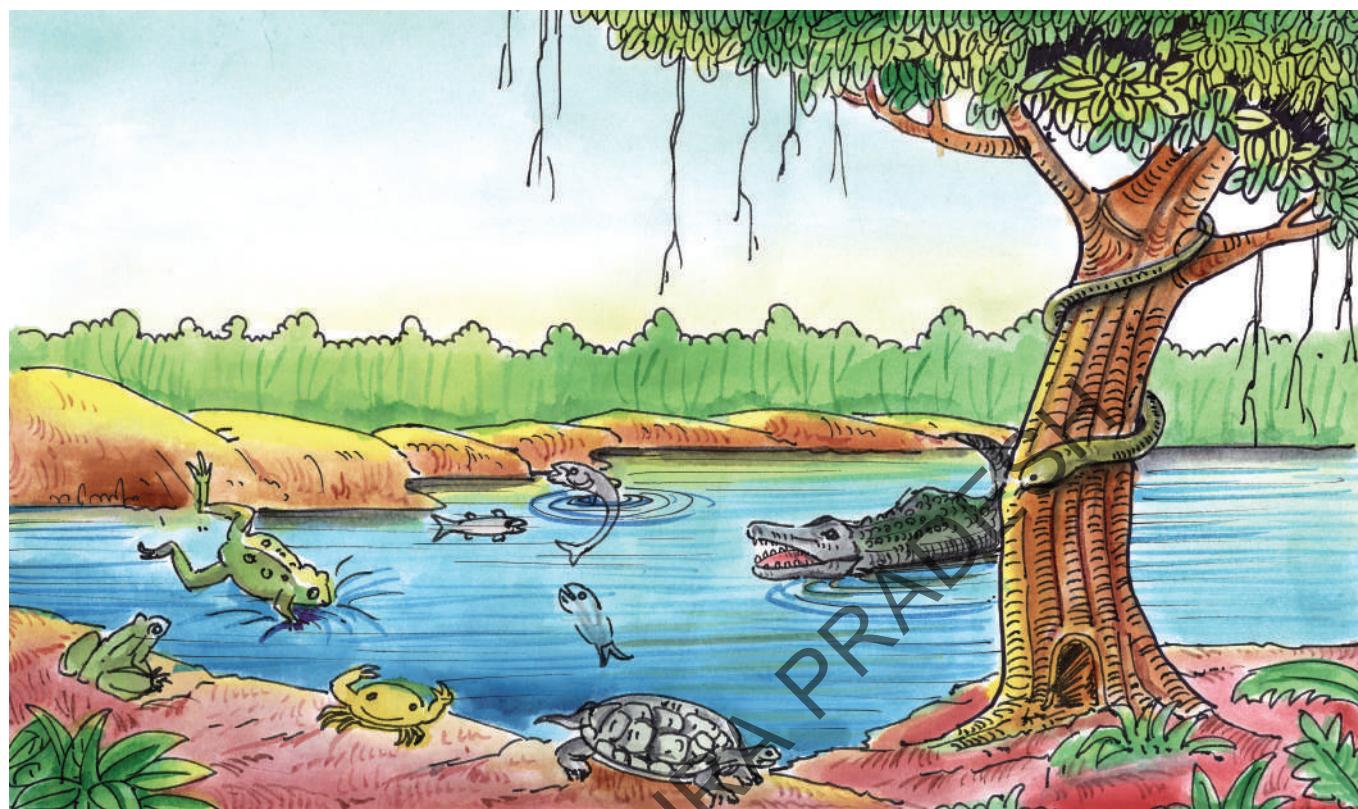
For example, wild animals such as lions and bears live in caves in the forest, rabbits and squirrels live in burrows and birds build nests.

Observe the picture of the homes of some animals.



Animals like fish and whales live in water.

Animals such as frog and crocodile live both on land and in water.



Do you know that some animals are homeless?

Some animals walking outside without a home.
Animals like monkeys and elephants always wander in the forest. They have no specific homes.

Let us check



Say whether the given statements are true or false. Mark in the brackets provided. *Turtles mainly live in water, while tortoises live on land.*

1. A horse is kept in a shed. (✓)
2. A tiger lives in a cave. (✗)
3. A fish lives on a tree. (✗)
4. A turtle lives both in water and on land. (✓)
5. An elephant and a giraffe are homeless animals. (✓)

Nests of Birds

A bird's home is called a nest. Birds build nests to lay eggs and raise their young ones. They use twigs, straws, leaves or cotton to build their nests.



Hey! Look at this bird! Can you tell what it is doing? It is feeding its young ones. *yes I can tell.*

Observe these pictures



It is a sparrow. It makes its nest on trees or on wooden beams of tiled houses. It uses straws, grass, leaves and cotton to make its nest.



Woodpeckers make big holes in the trunk of the trees to make their homes.



Weaver birds use grass and twigs to make their nest. There is an opening at the lower end to enter the nest.

We learnt that birds and animals make homes. There are many insects too in our surroundings.



Do insects also have a shelter?

*yes! insects
also have shelter*

Insects also have shelters



Bee hive



Spider web



Silk moth

Some animals and birds live with us



Hi kids! I'm Kitty the cat

I live with Sumanth and his family. I'm waiting for Jerry, the rat. He lives with us but in a hole. Bunty, the dog is sleeping in his kennel. The cows, sheep and goats also live with us but they live outside our house.

Come with me to the kitchen. Sometimes we find houseflies and cockroaches there. In our backyard, crows, parrots and squirrels make their homes.

Hey I forgot! The lizards and garden lizards too are there.

We all share this place. Sumanth gives me food and water before going to school.



no (don't) have a pet.
Do you have any pet animal in your house?
Do you give it food and water? no! / don't

Concern for animals and birds



I feel average?

How do you feel when you observe the above pictures?



Just like you and me birds and animals too want to live freely and enjoy their natural life, don't they?

do.

yes

they

My Concern

Last Monday, on my way to school, we found a bird's nest fallen from the tree. I picked it up and saw that it was full of eggs. Raju wanted to break the eggs. I objected and told him that it was bad to harm them and how the mother would cry for them. And just then we saw the mother crow cawed for its nest. Raju climbed up the tree and placed it back safely.

Raju and Amala put up slogans "Do not harm animals."



Key words

Shelter, Caravan, Homeless people, Kutch house, Pucca house, Apartment, Boat house, Permanent house, Temporary house



What we have learnt

- A house gives us shelter and protection.
- We find different types of houses in our surroundings.
- Temporary houses are set up at the time of floods and cyclones.
- People who migrate live in tents.
- Birds and animals too have homes to live.

insects
beehive
spider web

animals
nest
den



Improve Your Learning



Pukka house is stronger than Kutchha house.

I. Conceptual Understanding (Tell and write).

Answer the following questions.

1. What is the difference between a Kutchha and a Pucca house?

2. Why do we need a house?

3. What help can be given to the people who live in tents and pipes?

II. Questioning

4. Deepthi observed a beehive on a tree. She wants to know about the beehive.

What question would she ask her teacher? She should ask what is a beehive

III. Experiments and field observations.

5. Observe the different shelters of animals, birds and insects and name them.

IV. Information skills - Project work.

6. Observe the roofs of houses in your surroundings and fill in the given table:

S.No.	Type of the house	Roof of the house	
		Flat	Slant
	Pukka	Flat	
	Eatched		Slant
	Mud tile	Flat	Slant
	apartment	Flat	

V. Drawing pictures and model making.

7. Make a model of a hut with ice cream sticks or matchsticks. HW

VI. Appreciation, values and creating awareness towards biodiversity.

8. If you have a bird or a cat or a dog as a pet, how would you take care of it?

I take care of it kindly.