

LESSON No. 20



ANIMALS AND TRANSPORT

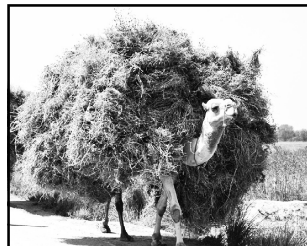
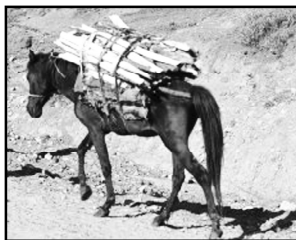


Can you imagine how man might have travelled or transported goods in the past? Have a conversation with your grandparents on the question. Then, write what you have learnt from them.



Long long ago there were no proper roads and vehicles as are today. Then, how did man travel in those days? How did he carry goods from one place to another?

During those olden times, man used to travel on foot. He used to carry loads on his head or on the backs of animals.



Have you seen a sledge on a television or in a movie ?

Anyway, do you know what is a sledge ?

A **sledge** is the earliest known vehicle in human history. It has long narrow strips of wood or metal. They are fixed or tied together. They are called runners. A sledge has no wheel. It runs with the help of the runners.

ENVIRONMENTAL STUDIES CLASS- IV



Different kinds of sledge—pulled by rows of dogs, horse, men, etc.

Sledges are used only on the snow or ice. They are pulled by horses or dogs. Human beings also used to pull sledge.

A sledge carries only a limited load or no more than one or two persons.



Sledge carrying men

Later, man invented wheel by cutting slices of tree trunks. You might have seen carts or carriages pulled by animals.

Human beings have been using animals as means of transport since the ancient days. Even today, we are using bullocks, horses, donkeys, elephants, camels, etc. as means of transport.



Carts and carriages pulled by different animals

The cart pulled normally by a pair of bullock is called a bullock cart. Bullock carts are still in use in many villages of Manipur. They are used for transportation of loads from one place to another.

We can also see bullock carts carrying passengers in some areas.



A bullock cart carrying passengers

Have you ever travelled on a bullock cart or a horse carriage? If not, ask your elders.

Write your experience or the story told by your elders.

Animals are our friends. We need to love them. We should also give them care.

We should not forget that they are doing a lot for us.

Horses are also used by man in many ways. They are used as a means of transport. They are also used in various sport events. They are used even in wars.

Do you know horses also wear shoes like us ? But their shoes are different from ours. Their shoes are nailed into their hooves. Their shoes are called horseshoes.

ENVIRONMENTAL STUDIES CLASS- IV

A horseshoe is a U- shaped item. It is made of iron or steel. Horseshoes are also made of aluminium, rubber, plastic, copper, etc.



Aluminium
horseshoes



Rubber
Horseshoes



Plastics
Horseshoes



Copper
horseshoes

The horseshoes protect the feet of the horses from wear and tear.

What is a horseshoe ?

Why do horses wear horseshoes ?



We also ride on different animals on different occasions.

In different parts of India the bridegroom rides on horse back in the marriage procession.

In Manipur also there was a time rich brides used to ride on elephants when proceeding onto the homes of their bridegrooms.



Children who received bravery awards ride on elephants in the Republic Day Parade at the National capital every year. Don't you want to be one of them ?

When is Republic Day Celebrated in India?

Draw pictures of 3 different animals carrying loads.