

LESSON No. 24



A BRIDGE TO CROSS

Bridges are some of the man-made structures that help the civilization possible. There are various types of bridges around the world. In our state we see some types of bridges starting from our local bamboo-made bridges upto R.C.C. masonry bridges. However, we cannot see very big bridges.

Do you know why we need bridges?

Are bridges always over water?

Bridges make it possible to cross from one bank of a river to another. In olden days early men often placed stepping stones in the narrow sections of small streams as a way to cross to the other side. It is easy to see how a bridge might have developed using stepping stones as a base or from logs or planks. The earliest bridge was possibly a toppled tree that had fallen across a nearby stream.

Bridges can be over the roads, over railways, over deep gulleys and they are not only for cars and people. Bridges over rivers allow the water to pass easily through the holes in the bridges and they allow traffic over obstacles (rivers, roads, ravines) without changing the obstacles.



Over bridge

ENVIRONMENTAL STUDIES CLASS- IV

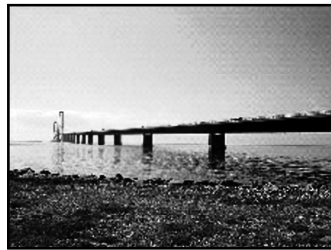
Fly-over bridges are generally constructed on land where the traffic congestion is very high due to thick population and heavy traffic.

Some of the world famous bridges are so long that it takes some time to cross even in a motor car.

RCC Bridge



* **Name four bridges that human being have constructed.**



The Great Belt bridge



The Chapel Bridge



Tower Bridge of London



The Golden Gate Bridge

Observe some old type of bridges.



- * **Is there any bridge around your locality? If so, mention what type of bridge is that.**

- * **Draw the picture of a bridge you have seen?**

A large empty rectangular box with a black border, intended for a student to draw a picture of a bridge they have seen.

DO YOU KNOW

There are six main types of bridges: beam bridges, cantilever bridges, arch bridges, suspension bridges, cable-stayed bridges and truss bridges.