

Good Morning students,

This lesson is for class-V for the subject of History and Civics in which chapter-4 "Evolution of Transport and Communication" will be continued with the explanation of the topics - "Travelling to distant places & Modern means of transport," starting on page number-23 of your textbook titled "Time Trek-5". If all the students are ready then let us start with the explanation of the topic.

★ Travelling to distant places :- With the growth of trade, people started travelling to distant places in search of new markets, raw materials and finished goods. People started taking sea voyages (means a ^{long} journey by sea) to discover new places. During the Neolithic Age, early humans started trading with one another. However, this trading was mainly in the form of barter system. In Barter system people exchanged one commodity for the other. So the people realized the importance of travelling to distant places for growing their trade and increasing their profits.

Marco Polo reached China from the shores of Venice in 13th Century.

The Portuguese discovered many new trade routes. They discovered a new sea route

to India when Vasco da Gama, the famous Portuguese explorer landed in Calicut, India on 20th May 1498. Vasco da Gama's journey proved that it was possible to reach India by sea as the land route had many difficulties



Vasco da Gama



A painting reflecting a voyage across the sea

Ferdinand Magellan was the first to sail across the Pacific Ocean. He died before completing the voyage. For many years, people had believed that the earth is flat. But one of Magellan's ships made the first trip around the world and proved that the earth is round.

The American continent was discovered in the trans-Atlantic voyages carried out by Christopher Columbus in between 1492 and 1502.

Christopher Columbus was an Italian explorer who completed several voyages across the Atlantic Ocean. These

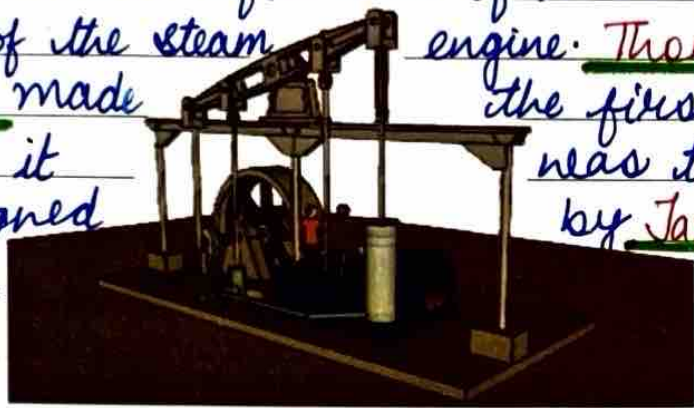
voyages were successful in establishing European contacts and settlements in the American continent.



First landing of Christopher Columbus in America

Modern means of transport :-

The second most important invention after that of wheel was the invention of the steam engine. Thomas Newcomen made the first steam engine but it was the steam engine designed by James Watt that proved popular and effective.



The steam engine designed by James Watt

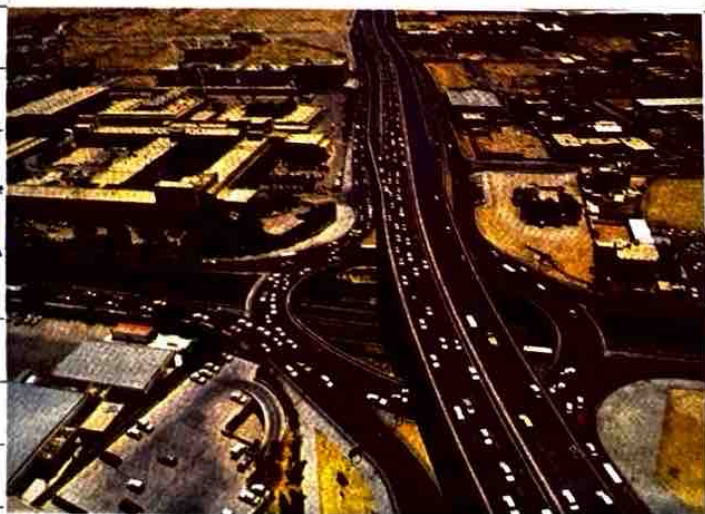
steam engine was used to run railway trains. With time the steam engine was replaced by engines that used petrol, diesel and electricity. They are used to run trains and a variety of vehicles on land, water and air.

The transport system can be divided into land, air and water transport.

1) Roadways :-

Earlier roads were narrow and rough. They were made of mud and stone.

Pucca and metalled roads were developed for



Highways

mechanical vehicles. Developed countries have a network of highways or freeways

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connecting major cities. These are broad and straight roads. In India, we have built many highways which connect major cities of the country. India is also connected to countries like Pakistan, Nepal, Afghanistan, Bangladesh, Bhutan, Myanmar and China by roads.

The Grand Trunk Road (G.T. Road) connects Kolkata (India) with Peshawar (Pakistan). India is connected to China by the Bharat-Tibet road.

Let us revise what we have learnt till now. write the answers of the following questions in your notebooks.

1) Who discovered America in 1492?

Ans- Christopher Columbus

2) Who invented the steam engine?

Ans- James Watt

3) List two kinds of land transport.

Ans- Land and Rail transport like bus, car, train, etc.

That's all for today students.

Thank you.

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