



# The Internet

## LESSON PLAN

**After this lesson, students will be able to:**

- » Define a computer network.
- » List the advantages of a network.
- » Define the Internet.
- » Describe Internet as a communication channel.
- » Define World Wide Web.
- » Differentiate between the Internet and WWW.
- » Define and give examples of a website.
- » Define and give examples of a web page.
- » Define and give examples of a web browser.
- » Describe how the Internet works.
- » Define server.
- » List the different uses of the Internet.
- » Define e-mail. Give examples of an e-mail address and an e-mail providing website.

## WARM UP

**Can you name this person? (Hint: He is the inventor of the World Wide Web.)**



**Ans.** Tim Berners — Lee.

## CHAPTER NOTES

- » The Internet is an increasingly important part of everyday life of people around the world.
- » Computer Network means two or more computers connected together in order to share information and hardware.
- » Internet is one of the largest networks that connects trillions of computers all over the world.
- » With the Internet, it's possible to get almost any information, communicate with anyone in the world, and do much more.
- » When someone says a computer is online, it's just another way of saying it's connected to the Internet.
- » The World Wide Web – usually called the Web for short – is a collection of different websites you can open through the Internet.
- » A website can be made up of text, images and other things. The information to be given on a website is generally divided into several pages of information. Each page is called a Web page.
- » The purpose of a website can be anything, for example a news platform, an advertisement, an online library, sharing images or an educational site from where you can learn about your school subjects.
- » Once you are connected to the Internet, you can access and view websites using a type of software called a Web Browser. Examples of popular web browsers are Internet Explorer, Google Chrome, etc.
- » Internet is a global network of physical cables, which can include copper telephone wires, TV cables, and fibre optic cables. Even wireless connections like Wi-Fi and 3G/4G/5G rely on these cables to use the Internet.

- » A server is where websites are stored, and it works like your computer's hard drive.
- » Some of the other important uses of the Internet are:
  - Internet helps us to share information from any place in the world.
  - It is a source of a huge amount of information for education and learning purposes.
  - Internet enables fast transfer of news to people all over the world.
  - Internet can be used for communication from one end of the world to the other. For example, you can send letters called e-mails, to anybody sitting in any part of the world and they will be received in seconds.
  - Nowadays, it is very popular to do shopping over the Internet.
  - You can listen to music and songs from any part of the world through the Internet.
  - You can watch videos, movies, cartoons etc., through the Internet.

## **DEMONSTRATION**

- » Connecting a computer to the Internet
- » Opening a web browser
- » Surfing the net
- » Sending an e-mail
- » Listening to music, watching videos on the Internet
- » Buying and selling on Internet
- » Using the Internet to learn

## LAB ACTIVITIES

**Open Word 2013. Type and save the following information about the Internet.**

*Internet is a worldwide publicly accessible network which has emerged as the biggest network in the world. It is a major tool to communicate, socialize, shop and work. The computers on the internet communicate with each other through IP (Internet Protocol) or TCP (Transmission Control Protocol).*

*Through internet million of computers are connected all over the world. It is a network. Internet is the store house of information. Computers which are connected through the internet exchange information with one another.*

*In 1969, ARPANET, the first internet was developed by Advanced Research Projects Agency of the US Government. Information is available freely on the internet. You need a computer and an internet connection and modem.*

*Almost everyone around the world use a variety of services on the internet with the help of mobile and computer. Internet can be accessed from anywhere at any place in the world through just over a click of mouse.*

## ASSESSMENT

**The teacher can assess the students on the basis of the following questions.**

1. What is the Internet?
2. What is a Home page?
3. What is the Web?
4. What are the uses of the Internet?
5. What is the role of a Web browser?