

## Lesson-15

# Technology in our daily Life



**Scene1-** It was morning time in the harvest field. Dimbeswar was tilling the land with his new power tiller. He is a farmer. Earlier, he used to till the land with the help of oxes. At that time he could not cultivate the entire land. This time, Dimbeshwar brought a power tiller by taking loan from a bank with the advice of the agricultural extension worker. The irrigation system



provided by the village panchayat is also good. He not only cultivates paddy, but also cultivates mustard, jute and various vegetables in the land area near the river. His younger brother Indra helps him in farming. In addition, some of the daily



wage earners of the village are also engaged in various works of the field such as making rows and tunnels, harvesting, ploughing, sowing etc. After harvesting, the paddy is dried and stored in the granaries to be used at home and the rest is sold. The money which he receives from selling the grains is used to repay the bank loan. He also saves some money in

the bank. A lot of vegetables are also produced in his agricultural field. Earlier, due to the lack of proper storage facility most of the farm products were ruined. But now, these products are stored in the nearby cold storage.

**Scene 2-** Last year Tripti passed the HSLC examination with flying colours. She is now studying in college. She always studies properly. She does different kinds of work on the computer which she had received from the government. Sometimes she draws picture, sometimes she types something and takes out a printout of her writings on paper with the help of a printer.



Tripti working in computer

**Scene 3-** Olivia got a mobile phone as a gift from her uncle on her birthday. With the help of the mobile phone she collects study materials for information. She can also scan the QR code in the textbook to understand the text better. Olivia's mother is a teacher. After returning from school in the evening she loves listening to the radios while doing her house hold chores. Occasionally she listens to the programmes broadcasted for the teachers and prepares her lesson to be taught at school.



**Scene 4-** Jahanara is a hardworking woman. In addition to being a good cook, she has kept the flower garden of her house beautifully. The garden is beautiful with blooming flowers of different colours. Earlier she used to fetch water from the well by hand and water her garden. But now she waters her plants with the help of a motor pump. She cleans the garden herself with the help of a grass mower. Sometimes she clicks photos

of the flower garden with the help of her mobile camera. In addition, she pays the bills of electricity, mobile phone, etc. by sitting at home through mobile phones with the help of internet. During the summer vacation of her children, she along with her family planned to go for a holiday trip. For this she has booked the tickets on her mobile phone.

**Scene 5-** It was evening time. Jupitaras' grand parents are watching news on Doordarshan. Her mother Rupai served tea with cake and biscuits. Rupai made these items on her newly purchased electric microwave oven. Jupitara helped her mother in whatever way she could. Earlier Rupai used to bake cakes in a pressure cooker in cooking gas. Her grandmother used to bake cakes by putting burning coal on the top and bottom of the utensil. When everyone has finished eating Rupai kept the left-over cake in the refrigerator. She cleans the raw fruits and vegetables and then keeps them in the refrigerator.



Refrigerator



**With the help of above scenes discuss in group and say-**

- Describe the ways and means adopted by Dimbeswar to cultivate land and produce crops.
- How does Dimbeswar protect the vegetable from getting spoiled?
- How do we get rice from paddy?
- What are the tools used by the farmers now-a-days?
- What are the various equipments used in your kitchen?
- What are the modern cooking appliances used in your kitchen?
- What are the programmes that you watch in Doordarshan?
- What are the different works we can do with the mobile phone?

The scenes above reflect the contribution of technology on our way of life. Apart from helping in solving problems, technology makes our work easier and helps in completing our work in lesser time. We are able to move from the early ages of hunters to the present era only because of technology. Because of technology, people today have learned to use more convenient tools or equipments, As a result of these, our standard of living has improved. Example of such devices are cooking gas, pressure cookers, vacuum cleaners, etc. In addition electric lights, electric fans, air conditioners, cooking appliances, refrigerators, washing machine, house cleaning equipments, water purifiers etc. has improved our standard of living. In addition to these with the help of mobile phone, television, computer, laptop etc. we can learn different things, pay different bills including electricity bill and do various kinds of works.

**The application of scientific thought, equipment technique, etc. to various tasks is called the application of technology.**

**Discuss in group and write-**

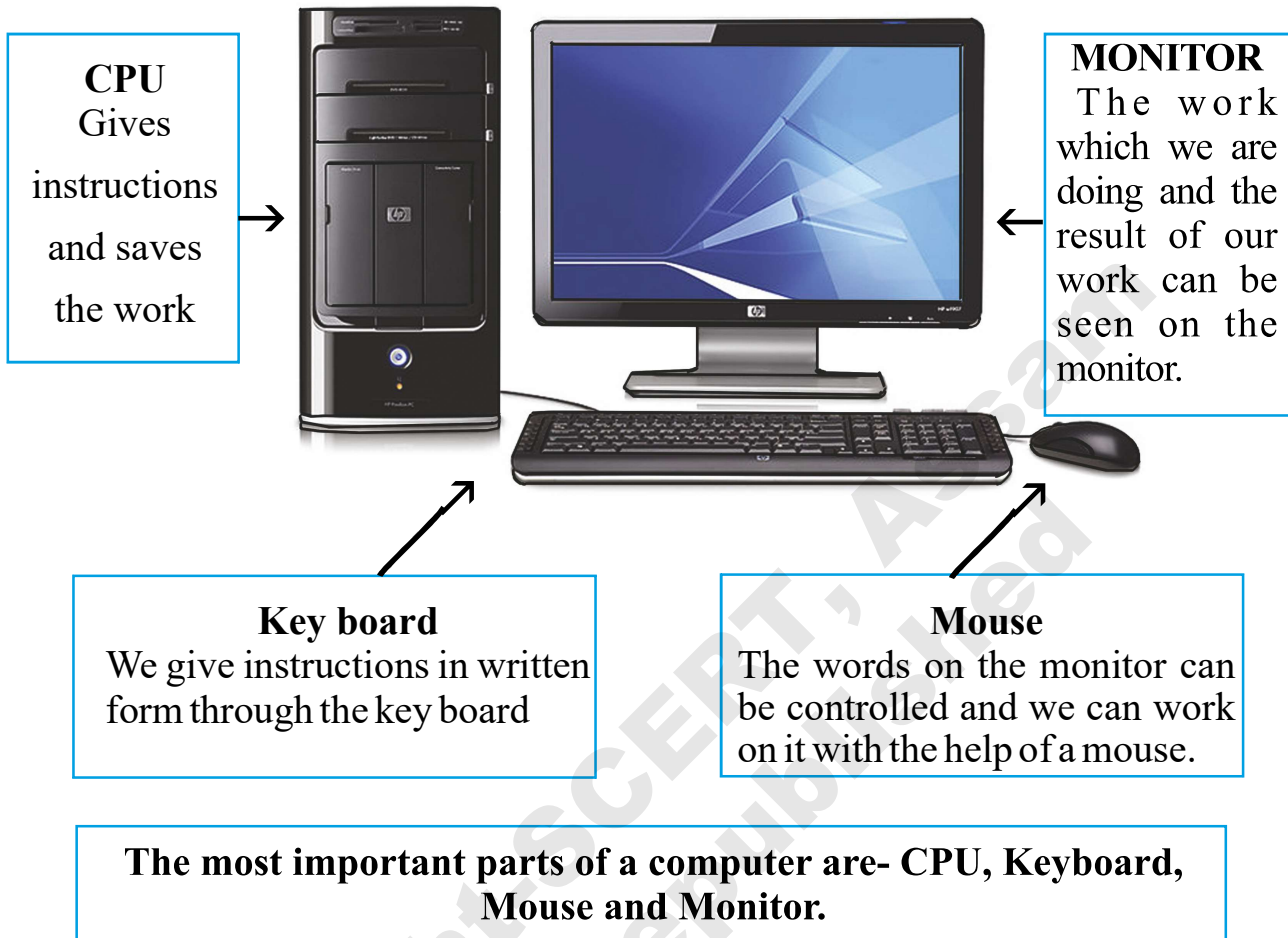
- What modern tools and apparatus do you have in your home? Write down the benefits of using them.

Tools	Benefits of using them

**Discuss with your parents and teachers and then write-**

- Observe your surrounding and write how technology has helped in the day-to-day tasks of human beings.

**Lest us know how to use the important parts of the computer–**



**What are the things that we can do with the help of computer? (Take help of the teacher)**

If a printer is connected to a computer, we can print the work done on a piece of paper.



**Printer**



- Learn to scan the QR codes in your textbook with the help of your teacher.

One of the main functions of a computer is to establish communication. Let us know how we can communicate with the help of computer.



Internet

Look at the picture above. In the picture several computers are linked to each other forming a network, isn't it? In this way, when a connection is made between many computers a cob web-like web is created. This web is called a network.

**A huge communication system has been formed by connecting innumerable computers all over the world. This communication system is the Internet. The Internet is one of the most advanced means of communication in the modern age. This communication system is made possible with the help of artificial satellites.**

**Let us learn about the benefits of using a computer with an internet connection—**

- ✧ We can get news from different countries of the world.
- ✧ People from far and wide can be contacted by sitting at home.
- ✧ Get various information.
- ✧ We can know about the train and flight schedule and book tickets in advance.

### Exercise

1. Write the answers-
  - a) What is a power tiller?
  - b) What is a cold storage?
  - c) What kind of kitchen appliances can be used to make cake and biscuit?
  - d) What are the works that can be done on a computer?
  - e) How can electricity bill be paid with the help of technology?
2. Match column 'A' with column 'B'

Column A	Column B
Keyboard	Gives instructions and saves the work.
CPU	We can see the work done and the result of the work.
Mouse	The words on the monitor can be controlled and work can be done.
Monitor	We can give instruction in written form

3. Write true or false
  - (a) Our standard of living has improved with the use of technology.
  - b) We can talk to each other with the help of letters.
  - c) We can cook food in a refrigerator.
  - d) One important function of computer is communication.
4. Write short notes-
  - a) Mobile phone
  - b) Internet.

