

*Class- V*  
*Subject-Science*  
*Chapter -9 (Lecture-03)*  
*Technology in our life*  
*Class Date-28/06/2020*



❖ Technology in Agriculture:

People use some technology in agriculture. They are:

1. Mechanical Technology
2. Chemical Technology
3. Biotechnology

<b>Mechanical Technology</b>	<b>Chemical Technology</b>	<b>Biotechnology</b>
a. People invented different types of agricultural tools.	a. People use various types of chemical products such as fertilizers, pesticides, insecticides, etc.	a. Biotechnology is a technology that uses the living systems and living things for human welfare.
b. These tools help us to produce a lot of food in the shortest period of time.	b. These chemical products help us to produce more food and resist harmful pests and weeds also.	b. With the help of this technology farmers can grow plant that are more nutritious, more resistant to pests and more productive.
c. Example: - Shovel, Spade, Plough, Tractor, Irrigation Pump and Threshing Machine	c. example: - urea which is made from nitrogen gas.	c. Example: Agricultural biotechnology is a way to make plants with special qualities.

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❖ Negative effects of Technology:

1. Air gets polluted when coal is burnt in power plant to produce electricity.
2. Acid rain and global warming occurs when black smoke emitted from the factories mix with air.
3. Soil and water is polluted by the use of chemical fertilizers.
4. Excessive use of pesticides pollutes both soil and water.
5. It helps to make different types of weapon such as atom bombs, hydrogen bombs.
6. Sometimes technology turns into addiction.

**Related Questions with this topic**

1. What types of agricultural technology do people use to grow more food in the shortest period of time?
2. What are the negative effects of technology?
3. How does agricultural technology help to improve our life?
4. How much time using a computer at stretch is harmful for your health?
5. What is biotechnology?
6. Write one name of mechanical technology.
7. What technology will you use to invent a new species of bean?
8. What is the most horrible use of technology?
9. Write two names of agricultural technologies.

### Answers of the questions

1.

The agricultural technologies that people use to grow more food in the shortest period of time are: -

- a) Mechanical Technology
- b) Chemical Technology
- c) Biotechnology

2.

#### Negative effects of Technology:

- 1. Air gets polluted when coal is burnt in power plant to produce electricity.
- 2. Acid rain and global warming occurs when black smoke emitted from the factories mix with air.
- 3. Soil and water is polluted by the use of chemical fertilizers.
- 4. Excessive use of pesticides pollutes both soil and water.
- 5. It helps to make different types of weapon such as atom bombs, hydrogen bombs.
- 6. Sometimes technology turns into addiction.

3.

People have developed different types of agricultural technology to meet the demand of food. People invented agricultural tools such as shovel, spade, plough. Today people use agricultural machinery to produce a lot of foods in the shortest period of time.

People also use chemical fertilizer's which helps plants grow well and produce more food. They also used pesticides to resist harmful pests and weeds in order to grow more food.

People are also using biotechnology to grow plants that are more nutritious, more resistant to pests and more productive.

4.

Using computer for more than one hour at a stretch is harmful for our health.

5.

Biotechnology is a technology that uses the living systems and living things for human welfare. Agricultural biotechnology is a way to make plants with special qualities.

6.

Some name of mechanical technology shovel, spade, plough, tractor, irrigation pump and threshing machine.

7.

To invent a new species of bean, I will use biotechnology.

8.

The most horrible use of modern technologies is the invention of weapons and their uses.

9.

Two agricultural technologies are tractor and irrigation pump