

Lesson	Topic	Class no.
Computer Fundamental	MULTIMEDIA	009

MULTIMEDIA

1 MULTIMEDIA

THINGS TO LEARN

- What 'multimedia' is
- Interactive and non-interactive multimedia animation
- Virtual reality and simulation

Lesson	Topic	Class no.
Computer Fundamental	MULTIMEDIA	009

MULTIMEDIA

WHAT IS MULTIMEDIA?

The term multimedia is made up of two words 'multi' and 'media' - 'multi' meaning many and 'media' meaning means of communication. 'Multimedia', therefore, means the use of multiple means of communication at the same time.

Lesson	Topic	Class no.
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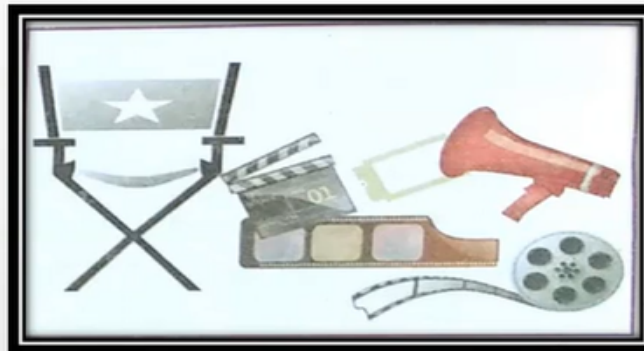
- text and sound
- text, sound and still pictures
- text, sound and video
- video and sound

Lesson	Topic	Class no.
Computer Fundamental	MULTIMEDIA	009

MULTIMEDIA

HISTORY OF MULTIMEDIA

It is believed that the word multimedia was used for the first time in 1965. It was used to describe a show that brought together music, Cinema, special lighting and human performance.



Lesson	Topic	Class no.
Computer Fundamental	MULTIMEDIA	009

MULTIMEDIA

INFO BYTE

- Almost all the present day PCs support multimedia. Today, the word multimedia used quite commonly to refer to DVDs, CD ROMs and even magazines that include text and pictures.



Lesson	Topic	Class no.
Computer Fundamental	MULTIMEDIA	009

MULTIMEDIA

TYPES OF MULTIMEDIA

Two types of Multimedia:-

❑ Interactive Multimedia :-

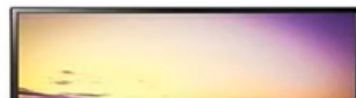
Interactive multimedia is also known as rich multimedia. It denotes a two-way communication.



❑ Non Interactive Multimedia:-

Non-interactive multimedia, on the other hand, denotes a one-way communication. It does not allow user interaction.

Example:- television and radio

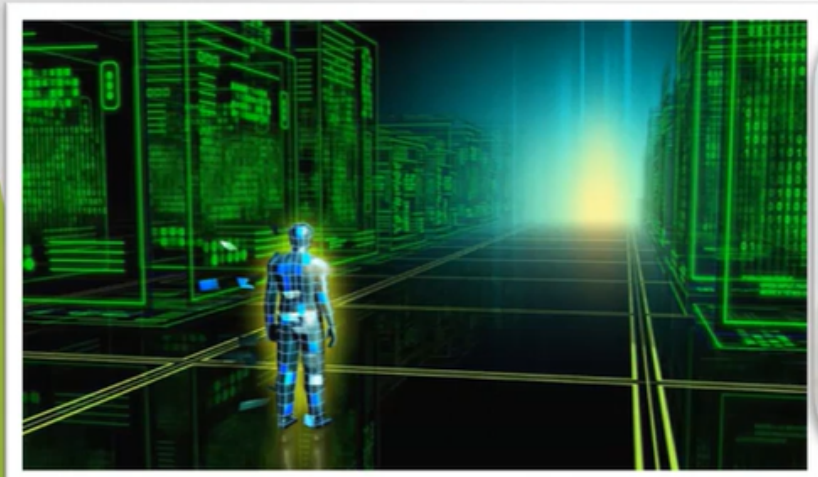


Lesson	Topic	Class no.
Computer Fundamental	MULTIMEDIA	009

MULTIMEDIA

Simulation

Simulation is the imitation of some real life situation artificially using computers. Simulation is very popular in the field of education. Effective simulation helps effective learning.

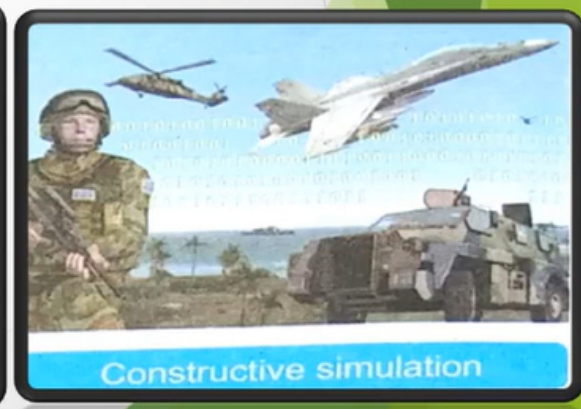
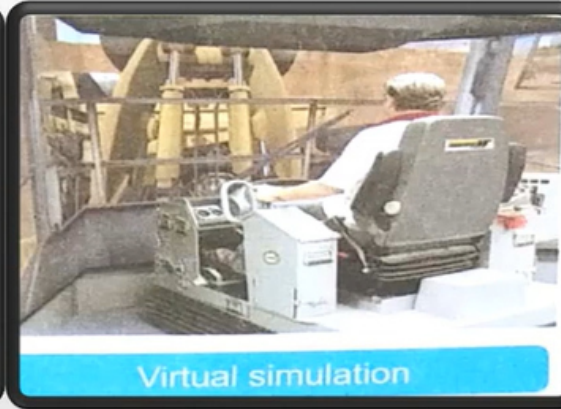


Lesson	Topic	Class no.
Computer Fundamental	MULTIMEDIA	009

MULTIMEDIA

Simulation are classified as 3 types:-

- ▶ **Live simulation:** where people use simulated equipment in the real world
- ▶ **Virtual simulation:** where people use simulated equipment in a simulated world (virtual environment)
- ▶ **Constructive simulation:** where simulated people use simulated equipment in a simulated environment



Lesson	Topic	Class no.
Computer Fundamental	MULTIMEDIA	009

MULTIMEDIA

Virtual Reality

Virtual reality is an artificial environment created with the help of software. The environment is presented to the user in such a way that the user accepts it as real.

