Tender Heart High School, Chandigarh,Sec-33, Chd.

Class: III **Subject:** Computers 08.04.24

Topic: A Computer System **Teacher:** Rupinder

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Good Morning Students.

Students, this lesson is for class-3 for the subject of Computers, Topic- 'A Computer System-Meaning' which is covered in Chapter-1 starting on page no. 7 of your text book, titled- 'Kips Logix.'

- All the students, May now Please open page no.-6 in front of them.
- I hope all the students are ready for today's lesson. So let us start with the topic. All the students, Please listen carefully.

* A Computer System- Meaning :- Students, All of you know that A computer is a useful machine that works with electricity. In day today life we see and use computers in different fields like- In schools, Hospitals, Banks, offices, home, Space research etc. we also use computers for different purpose. for example- for playing games, writing letters, listen to

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music etc. A computer works very fast and can do so many tasks at one time.

Students, Now we are going to learn more about computers with the help of other topics. Our next topic is-

Hardware :- Students, The physical parts of a Computer that we can see and touch are called hardware. e.g.- Keyboard, Mouse, Monitor, CPU, Printer all are hardware parts.
Now, you will study about these main parts of a computer one by one.

* Main Parts of a Computer :- Students there are 4 main parts of a computer, that help in performing the IPO (Input Process Output) cycle. These are :-

1. Monitor 2. CPU 3. Keyboard 4. Mouse

1. Monitor :- A monitor is like a TV screen. Like, you see different channels on your TV screen, In the same way, whatever work you do

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can be seen on the monitor as a soft copy. Students, you can also see the movement of mouse pointer on the screen. The other name of monitor is VDU (Visual Display Unit). There are 3 different types of monitors :-

(i) CRT (ii) LCD (iii) LED

* Children, All of you May Now take 3 minutes break. During break time you will learn main parts of Computers (only names) and write it in your note book.

let us continue with the topic present on page no.-7 in your book. Now, you will study about 3 different types of monitors one by one.

(i) CRT (Cathode Ray Tube) Monitor :- Students, this type of monitors contain - A vacuum tube, bigger in size and Consume more power.

(ii) LCD (Liquid crystal Display) Monitor :- Students, This type of Monitors has - a flat type screen, and consumes

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less power.

(iii) LED (Light-Emitting Diode) Monitor:- Students, this type of monitors are in maximum use these days. These monitors have - better display, thinner and lighter in weight, and use 40% less power than LCDs.

* Students, Now, you will learn about CPU - the other main part of a Computer.

2. CPU (Central Processing Unit) :- Students, All of you know that CPU is the brain of a Computer. without this part, Computer is of no use; because CPU only processes all the instructio given to the computer. It does all the calculations, displays the result and stores information. A CPU is made up of 3 main parts. These are:- (i) MU (ii) CU (iii) ALU Students, we will discuss about these parts of CPU in the next lesson.

* Children, Now, I am ending the lesson here, Please read and listen to the lesson carefully for better understanding of the topics.
Thank you...