



Teaching week	Dates	Topics (Intermediate)	Objective	Resources	Activities
1	13/04/09 – 17/01/09	Computers and Computer Systems a. What makes a computer system? <ul style="list-style-type: none"> ▪ Computer hardware b. The computer <ul style="list-style-type: none"> ▪ Micro-computer, mini-computer, main-frame 	To understand the functions of the components (hardware and software) in a computer system	<ul style="list-style-type: none"> ▪ Sample Hardware ▪ Online Resources ▪ www.Teach ICT.com ▪ Online Activity 	<ul style="list-style-type: none"> ▪ Group work ▪ Presentation ▪ Hardware Display
2	20/04/09 – 24/04/09	Computers and Computer Systems c. Inside the computer 1. Central processing unit (CPU) 2. Memory	To understand the functions of the components (hardware and software) in a computer system	<ul style="list-style-type: none"> ▪ Sample Hardware ▪ Online Resources ▪ www.Teach ICT.com ▪ Online Activity 	<ul style="list-style-type: none"> ▪ Group work ▪ Presentation ▪ Hardware Display
3	27/04/09 – 30/04/09	Input Devices a. Keyboards b. Touch Screen c. Scanner	To understand the functions of the components (hardware and software) in a computer system	<ul style="list-style-type: none"> ▪ Sample Hardware ▪ Online Resources ▪ www.Teach ICT.com ▪ Online Activity 	<ul style="list-style-type: none"> ▪ Group work ▪ Presentation ▪ Hardware Display
4	04/05/09 – 08/05/09	Automated Input Devices a. Optical Mark Recognition (OMR) b. Optical Character Recognition (OCR)	To understand the functions of the components (hardware and software) in a computer system	<ul style="list-style-type: none"> ▪ Sample Hardware ▪ Online Resources ▪ www.Teach ICT.com ▪ Online Activity 	<ul style="list-style-type: none"> ▪ Group work ▪ Presentation ▪ Hardware Display

5	11/05/09 – 15/05/09	Computer system 1. Hardware 2. Software The main hardware in a computer system 1. The central processing unit 2. Backing storage devices 3. Input devices 4. Output devices	To understand the functions of the components (hardware and software) in a computer system	<ul style="list-style-type: none"> ▪ Sample Hardware ▪ Online Resources ▪ www.Teach ICT.com ▪ Online Activity 	<ul style="list-style-type: none"> ▪ Group work ▪ Presentation ▪ Hardware Display
6	18/05/09 – 22/05/09	Computer systems: hardware & software c. Desktop, laptop and palmtop computers 1. Desktop computers 2. Laptop computers 3. Palmtop computers	To understand the functions of the components (hardware and software) in a computer system	<ul style="list-style-type: none"> ▪ Sample Hardware ▪ Online Resources ▪ www.Teach ICT.com ▪ Online Activity 	<ul style="list-style-type: none"> ▪ Group work ▪ Presentation ▪ Hardware Display
7	25/05/09 – 29/05/09				
8	01/06/09 – 05/06/09	Input and Output Devices a. <u>Input Devices</u> 1. Keyboard 2. Mouse 3. Touch pad	To understand the functions of the components (hardware and software) in a computer system	<ul style="list-style-type: none"> ▪ Sample Hardware ▪ Online Resources ▪ www.Teach ICT.com ▪ Online Activity 	<ul style="list-style-type: none"> ▪ Group work ▪ Presentation ▪ Hardware Display
9	08/06/09 – 12/06/09	Input and Output Devices 4. Tracker ball 5. Joystick 6. Video digitizer	To understand the functions of the components (hardware and software) in a computer system	<ul style="list-style-type: none"> ▪ Sample Hardware ▪ Online Resources ▪ www.Teach ICT.com ▪ Online Activity 	<ul style="list-style-type: none"> ▪ Group work ▪ Presentation ▪ Hardware Display
10	15/06/09 – 19/06/09	Input and Output Devices 7. Digital camera 8. Scanner 9. Remote control	To understand the features and functions of input and output devices of a computer	<ul style="list-style-type: none"> ▪ Sample Hardware ▪ Online Resources ▪ www.Teach ICT.com ▪ Online Activity 	<ul style="list-style-type: none"> ▪ Group work ▪ Presentation ▪ Hardware Display

11	22/06/09 – 26/06/09	Input and Output Devices 10. Magnetic stripe reader 11. Microphone 12. MIDI instrument	To understand the features and functions of input and output devices of a computer	<ul style="list-style-type: none"> ▪ Sample Hardware ▪ Online Resources ▪ www.Teach ICT.com ▪ Online Activity 	<ul style="list-style-type: none"> ▪ Group work ▪ Presentation ▪ Hardware Display
12	29/06/09 – 03/07/09	Input and Output Devices b. Output Devices 1. Monitor (Visual Display Unit) 2. Laser printer 3. Ink jet printer	To understand the features and functions of input and output devices of a computer	<ul style="list-style-type: none"> ▪ Sample Hardware ▪ Online Resources ▪ www.Teach ICT.com ▪ Online Activity 	<ul style="list-style-type: none"> ▪ Group work ▪ Presentation ▪ Hardware Display
13	06/07/09 – 10/07/09	Input and Output Devices 4. Dot matrix printer 5. Plotter 6. Speakers and headphones 7. Control devices (lights,buzzers,robotic arms, motors)	To understand the features and functions of input and output devices of a computer	<ul style="list-style-type: none"> ▪ Sample Hardware ▪ Online Resources ▪ www.Teach ICT.com ▪ Online Activity 	<ul style="list-style-type: none"> ▪ Group work ▪ Presentation ▪ Hardware Display
14	13/07/09 – 17/07/09	TEST			
15	20/07/09 – 24/07/09	Storage devices and media a. Difference between central memory and backing storage	To understand the features and functions of input and output devices of a computer	<ul style="list-style-type: none"> ▪ Sample Hardware ▪ Online Resources ▪ www.Teach ICT.com ▪ Online Activity 	<ul style="list-style-type: none"> ▪ Group work ▪ Presentation ▪ Hardware Display