# **your school name SECONDARY SCHOOL**

# **COMPUTER STUDIES SCHEMES OF WORK**

# **FORM ONE 2021**

# **TERM 2**

# **REFERENCES**

1. Longhorn Book 1
2. Computer studies by. Dr.onunga and Runu Shah
3. Foundations of comp

**Teacher:** ………………………

**Classes:** Victors, Champions, Achievers, Winners

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| **WEEK** | **LESSON** | **TOPIC** | **SUB-TOPIC** | **LEARNING OBJECTIVES** | **TEACHING/LEARNING ACTIVITIES** | **RESOURCES** | **REFERENCES** | **REMARKS** |
| **1** | **1** | Computer Systems | Scanning devices | *By the end of the lesson, the learner should be able to*  Define, list and describe at least six scanning devices | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Pictures from books and Magazines  Projector, PCs and Internet | Foundations of Computer studies by Pepelapg 70 |  |
| **2 & 3** | Computer Systems | Scanning devices | *By the end of the lesson, the learner should be able to*  Define, list and describe at least six scanning devices | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Pictures from books and Magazines  Projector, PCs and Internet | Foundations of Computer studies by Pepelapg 70 |  |
| **2** | **1** | Computer Systems | Speech recognition devices | *By the end of the lesson, the learner should be able to*  Define, identify and describe Speech recognition devices | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Pictures from books and Magazines  Projector, PCs and Internet | Longhorn Secondary. S.Mburu, G. Chemwa page 37-38 |  |
| **2 & 3** | Computer Systems | Other digital devices  Digitizers, Digital Camera, Light pen and touch screen | *By the end of the lesson, the learner should be able to*  Define, identify and describe digitizers, digital camera, light pen and touch screen | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Pictures from books and Magazines  Projector, PCs and Internet | Longhorn Secondary. S.Mburu, G. Chemwa page 37-38 |  |

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| **3** | **1** | Central Processing Unit (CPU) | Control unit  Arithmetic and logic unit | *By the end of the lesson, the learner should be able to*  Describe the functions of the CU and ALU | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Pictures from books and Magazines  Projector, PCs and Internet | Longhorn Secondary. S.Mburu, G. Chemwa page 41-42 |  |
| **2 & 3** | Central Processing Unit (CPU) | Memory, Processors | *By the end of the lesson, the learner should be able to*  Describe the functions of the Memories and types of processors | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Pictures from books and Magazines  Projector, PCs and Internet | Longhorn Secondary. S.Mburu, G. Chemwa page 41-42 |  |
| **4** | **1** | Output Devices | VDU (CRT and Flat Panel) | *By the end of the lesson, the learner should be able to*  Define and describe CRTs and Flat panels | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Pictures from books and Magazines  Projector, PCs and Internet | Longhorn Secondary. S.Mburu, G. Chemwa page 49-52 |  |
| **2 & 3** | Output Devices | Flat Panel, Sound Output, LED | *By the end of the lesson, the learner should be able to*  Define and describe flat panels, sound output and LEDs | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Pictures from books and Magazines  Projector, PCs and Internet | Longhorn Secondary. S.Mburu, G. Chemwa page 49-52 |  |

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| **5** | **1** | Output Devices | Hard copy output devices e.g [printers (impact, non-impact), plotters] | *By the end of the lesson, the learner should be able to*  Describe Hard copy output devices | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Pictures from books and Magazines  Projector, PCs and Internet | Longhorn Secondary. S.Mburu, G. Chemwa page 49-52 |  |
| **2 & 3** | Output Devices | Hard copy output devices e.g. [printers (impact, non-impact), plotters] | *By the end of the lesson, the learner should be able to*  Hard copy output devices | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Pictures from books and Magazines  Projector, PCs and Internet | Longhorn Secondary. S.Mburu, G. Chemwa page 49-52 |  |
| **6** | **1** | Secondary/Auxiliary Storage Devices and Media | Fixed storage media | *By the end of the lesson, the learner should be able to*  Define and describe fixed storage media | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Pictures from books and Magazines  Projector, PCs and Internet | Longhorn Secondary. S.Mburu, G. Chemwa page 65-67 |  |
| **2 & 3** | Secondary/Auxiliary Storage Devices and Media | Removable storage media | *By the end of the lesson, the learner should be able to*  Define and describe removable storage media | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Pictures from books and Magazines  Projector, PCs and Internet | Longhorn Secondary. S.Mburu, G. Chemwa page 65-67 |  |

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| **7** | **1** | Power supply and peripheral device interfacing | power and interface cables | *By the end of the lesson, the learner should be able to*  Distinguish between power and interface cables  Describe power cables | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Pictures from books and Magazines  Projector, PCs and Internet | Longhorn Secondary. S.Mburu, G. Chemwa page 65-67 |  |
| **2 & 3** | Power supply and peripheral device interfacing | Power supply and peripheral device interfacing | *By the end of the lesson, the learner should be able to*  Describe interfacing cables | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Computer power cables  Interface cables | Longhorn Secondary. S.Mburu, G. Chemwa page 65-67 |  |
| **8** | **1** | Basic computer set-up and cabling | Basic computer set-up and cabling | *By the end of the lesson, the learner should be able to*  Explain basic computer setup and cabling | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Computer power cables  Interface cables | Foundations of Computer studies by Pepelapg 101 |  |
| **2 & 3** | Basic computer set-up and cabling | Basic computer set-up and cabling | *By the end of the lesson, the learner should be able to*  Mount hard drives and optical drives | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Computer power cables  Interface cables | Foundations of Computer studies by Pepelapg 101 |  |

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| **9** | **1** | Computer software | Classification of software | *By the end of the lesson, the learner should be able to*  Classify software | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Software packs  Projector, PCs and Internet | Longhorn Secondary. S.Mburu, G. Chemwa page 73-76 |  |
| **2 & 3** | Computer software | Criteria for selecting a Computer System (Specifications) | *By the end of the lesson, the learner should be able to*  Name at least six criteria for choosing hardware | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Software packs  Projector, PCs and Internet | Longhorn Secondary. S.Mburu, G. Chemwa page 73-76 |  |
| **10** | **1** | Computer software | Software Considerations | *By the end of the lesson, the learner should be able to*  Name at least six criteria for choosing software | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Software packs  Projector, PCs and Internet | Longhorn Secondary. S.Mburu, G. Chemwa page 73-76 |  |
| **2 & 3** | Computer software | Software Considerations | *By the end of the lesson, the learner should be able to*  Name at least six criteria for choosing software | Through question and answer  Cognitive demonstration  Students take notes  Group discussion | Software packs  Projector, PCs and Internet | Longhorn Secondary. S.Mburu, G. Chemwa page 73-76 |  |
| 11 | EVALUATION AND CLOSING OF SCHOOL | | | | | | | |