

KIREHE ADVANTISTE TSS /KIGINA SECTOR

***SCHEME OF WORK***

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| **Sector:** | ICT | **Teacher:** | **NIZEYIMANA Daniel** |
| **Trade:** | SOD | **School Year:** | **2023-2024** |
| **Qualification Title:** | **TSS CERTIFICATE III** | **Term:** | **1st ,2st Terms** |
| **RQF Level:** | 3 | **Learning hours:** | **150Hours** |
| **Number of Classes:** | 1 |
| **Date:** | 08/09/2023 | **Class Name:** | Level 3 SOD |

TERM: \_1\_\_to\_ TERMS\_\_\_\_2\_\_\_

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| **Weeks** | **Module code and name:** SWDJF301 APPLY JAVASCRIPT | | | **Learning Activities** | **Equipment, tools, resources (ETR)** | **Evidences of formative assessment** | **Learning Place** | **Observation** |
| **Learning outcome (LO)** | **Duration** | **Indicative content (IC)** |
| Week1 to week3  Fron 25/09/2023 to 09/10/2023 | **LO1**1. Apply Javascript Basic Concepts | **10hours** | * 1. Javascript is properly integrated in HTML based on project structure   1.2 Variables are correctly used based on task | Question and answers  Practice exercise | - Notebooks  -hand out  -chalks  -black board  -Duster  -computer | Witten assessment | Classroom  &computer lab |  |
| 1.3Datatype are correctly used based on variables  1.4.Operators are correctly used based on task | Small group discussion   Question and ansuers | -Notebooks  -hand out  -chalks  -black board  -Duster  -computer | Written assesment | Classroom&Computer lab |  |
| Week 4 to week9 (term1)  Start on  16/10/2023-20/11/2023 | **Lu2**.Manipulate data with Javascript | **5hours** | **2.1** Conditional statements are properly implemented according to the control flow **2.2** Loop functions are appropriately used based on task **2.3** Functions are appropriately used based on the task **2.4** Object are correctly defined based on task **2.5** Arrays are appropriately applied based on task |  Question and ansuers   Brainstorming | Notebooks  -hand out  -chalks  -Black board  -Duster  -computer | Product evidence | Classroom&Computer lab |  |
| **2.6** String concatenation is correctly done based on task **2.7** HTML Events are well applied based on event occurred on inputs or buttons |  Small group discussion   Question and ansuers | -Notebooks  -hand out  -chalks  -black board  -Duster  -computer | Product evidence | Classroom&Computer lab |  |
| **2.8** Regular expressions are appropriately used based on task 2.9 Errors are properly catched and handled based on Javascript error handling mechanism |  Brainstorming   Question and ansuers | Notebooks  -hand out  -chalks  -black board  -computer | Written assesment | Classroom&Computer lab |  |
| Week10  Term1 to week12 term2  Start on  27/11/2023-25/03/2024 | **Lu3.** Apply JavaScript in Project | **15hours** | **3.1** Project environment is well prepared according to work to be done |  Small group discussion   Question and ansuers | Notebooks  -hand out  -chalks  -black board  -Duster | Written assesment  & product evidence | Classroom&Computer lab |  |
| **3.2**. HTML pages are well created based on project |  Brainstorming   Practical exercise   Question and ansuers | Notebooks  -hand out  -chalks  -black board  -Duster,-computer | Written assesment  & product evidence | Classroom& computer lab |  |
| **3.3** CSS files are well created and manipulated with HTML pages 3.4 Javascript functions are well applied according to project requirements |  Brainstorming   group discussion   Question and ansuers | Notebooks  -chalks  -Duster  -Black board-computer | Written assesment  & performance evidence | Classroom&Computer lab |  |
| 4 | Integrated Assessment (for specific module) | | | Task :create project to change amont from USD to Rwf | Internet,brouser,computer,text editor | Product evidence | Computer lab |  |

**Prepared by Trainer: NIZEYIMANA Daniel**

**Verified by DOS: NSENGIMANA Approved by headmaster: KADARI Aaron RUHETESHA**