**EMERALD ROYAL INT’L SCHOOL**

**LESSON PLAN FOR WEEK 1 ENDING 13TH JANUARY, 2023**

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| **Term** | 2nd |
| **Subject** | Data Processing |
| **Topic** | Internet |
| **Sub-topic** | Definition of Internet |
| **Date** | 9th - 13th  January, 2023 |
| **Time** | 2:00 - 2:40 pm |
| **Duration** | 40 Minutes |
| **Period** | 9th |
| **Class** | SS2 |
| **No in class** | 5 |
| **Average age** | 15 Years |
| **Term** | 2nd |
| **Sex** | Mixed |
| **Learning objectives** | By the end of the lesson, students should be able to:   1. Define internet. 2. Identify Internet browsers. |
| **Rationale** | To enable students understand the concept of internet. |
| **Previous knowledge** | The students have an idea of the topic. |
| **Instructional resources** | Charts showing internet, basic terms and internet browsers. |
| **Reference material** | Data Processing for Senior Secondary Education by Hiit Plc |

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| **STEPS** | **TEACHERS ACTIVITIES** | **STUDENTS ACTIVITIES** | **LEARNING POINTS** |
| **Introduction** | The teacher introduces the lesson by asking the students to mention one example of internet browser. | The students mention one example of internet browser as:  -Opera mini. | To arouse students interest towards the topic. |
| **Step 1** | *The teacher defines internet thus:*  The internet is a global system of interconnected computer networks that uses the standard internet protocol site (TCP/IP) to serve billions of users worldwide. It is a network of networks that consists of millions of private, public, academic, business and government networks of local to global scope that are linked by an array of electronic, wireless and optical networking technologies. The internet carries an extensive range of information resources and services such as the inter-linked hypertext documents of the world wide web (WWW) and the infrastructure to support email.  **Basic Terms in Internet**  1. Browse  2. Browser  3. Chat Rooms  4. Cyber Café  5. Cyber space  6. Download  7. Electronic mail (e-mail)  8. Homepage  9. HTML  10. HTTP  11. ISP  12. Internet  13. Upload  14. Protocol  15. Web page  16. Website | Students copy notes into their exercise books. | To enhance better understanding of the lesson. |
| **Step 2** | Internet Browser  The internet browsers are as follows:  1.Internet browser  Internet explorer is a graphical web browser developed by Microsoft first released in 1995. It has been designed to view a broad range of web pages and its one of the most popular browsers today.  2.Fire Fox  Mozilla Firefox is an open source web browser managed by Mozilla Corporation. Firefox is the second most widely used browser.  3. Opera.  The opera browser is a web browser developed by Opera software. It is the smallest and fastest browser in the world.  4.Netscape Navigator  Netscape Navigator browser is a product of the Netscape communications Corporation. The browser was very popular in the 90’s. Others include Google chrome, Max Browser, Rocket melt Browser, Sea Monkey, Deep net Explorer, Safari Browser. | Students listen to the teacher’s explanation | To ensure proper understanding of the lesson |
| **Summary** | The common features of the main browsers are:  I. Title bar: The title bar is at the very top of the browser window, in both Firefox and internet. It is normally seen on the blue bar at the top. The title webpage is displayed on the title bar.  -Menu Bar: The Menu bar contains menus e.g. File, Edit, View, History, etc. it is the main bar underneath the title bar.  -Tool bar: The tool bar and its icons are displayed at the top of the browser window underneath the menu bar, this is where the black button, the Home button and refresh buttons are found.  -Address bar: The address bar is the box at the top of the browser window that displays the entire URL or Web site address. | Students pay attention carefully and copy notes into their exercise books. | For future reference. |
| **Evaluation** | The teacher evaluates the lesson as follows:  1. Define internet  2. State the types of internet browsers. | Students answer questions orally. | To ascertain students level of understanding of the lesson. |
| **Conclusion** | The teacher concludes the lesson by going through their notes and makes correction. | Copy notes into their exercise books. | For future reference |
| **Assignment** | 1. Define Internet 2. List 5 types of internet browser. | Answer questions at home and submit at school for endorsement. | To encourage further studying at home. |



**21/2/2023**

**Head Instructor**