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**Knowledge Rich Curriculum Plan**

I.T

Year 13



| **Unit1:**  **Global Information** |  |  |  |  |
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| **Lesson/Learning Sequence** | **Intended Knowledge:**  *Students will know that…* | **Tiered Vocabulary** | **Prior Knowledge:**  *In order to know this students, need to already know that…* | **Assessment** |
| **Lesson:**  **Holders of information**  LO1 - Understand where information is held globally and how it is transmitted. | * Students will know that information can be held by a range of different holders for a range of purposes * Students will know how information can be accessed across the globe including access issues caused by the global divide |  | * ***Students need to already know that information can be used for different purposes*** * ***Students need to already know how information can be accessed from different areas.*** |  |
| **Lesson:**  **1.2 Types of information storage media** | * Students will know that information can be stored on a range of media and devices and the characteristics of these. * Students will know how different storage media and devices can display a number of advantages and disadvantages depending on a given context. |  | * ***Students need to already know that information can be stored in a number of ways.*** * ***Students need to already know how some storage media is appropriate for storing certain types of information.*** |  |
| **Lesson:**  **1.3 Types of information access and storage devices** | * Students will know that the internet is a WAN and the * characteristics of internet connections. * Students will know how different network technologies work and their characteristics |  | * ***Students need to already know that networks allow devices to share information and resources.*** * ***Students need to already know how devices may be connected together.*** |  |
| **Lesson:**  **1.4 The internet** |  |  |  |  |
| **Lesson:**  **1.5 World Wide Web technologies** |  |  |  |  |
| **Lesson:**  **1.6 Information formats** |  |  |  |  |
| **Lesson:**  **1.7 Advantages** |  |  |  |  |
| **Lesson:**  **1.8 Disadvantages** |  |  |  |  |