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| **Unit 1 LO2** | **Understand Computer Software Road Map** | | | | | |
| In this unit you will investigate water on the land. The aims are as follows:  **LG1**: Knowledge  **LG2**: Application  **LG3**: Skills | Assessment Grades |  |  | | | |
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| **Themes** | **Learning Goals/Outcomes/Content** | | |  |  |  |
| What are the characteristics of different types of software?  What are the advantages of different types of software? | **LG1:** Identify characteristics of different types of software and its use.  **LG2:** Apply knowledge of different types of software and its use to explain the advantages and disadvantages of each. | | |  |  |  |
| What is application software?  What are the advantages and disadvantages of different types of application software? | **LG1:** Know different options for application software.  **LG1:** Understand the advantages and disadvantages of each application  LG2: Apply knowledge of application software. | | |  |  |  |
| What is an operating system and its key function?  What are the benefits and limitations of each type of operating system? | **LG1:** Know different forms of operating system and their key functions.  **LG1:** Know the benefits and limitations of each type of operating system. | | |  |  |  |
| What is a back-up?  What media can be used to back up a computer system? | **LG1:** Understand what a backup is and identify different types of media that can be used. | | |  |  |  |
| What is software troubleshooting?  How can I use tools to correct a software fault? | **LG1:** Understand what software troubleshooting is.  **LG2:** Apply knowledge of common faults to determine how to solve software issues.  **LG3:** Use tools and techniques which assist with software fault diagnosis. | | |  |  |  |
| What is a protocol?  What is the purpose and common usage of various protocols? | **LG1:** Understand what a protocol is.  **LG1:** Learn different protocols, their features, purpose and common usage scenarios. | | |  |  |  |
| **Assessment** |  | | |  |  |  |

**Links:**

**LG1:** Understanding computer software enables you to understand how for example documents and databases are created and edited including how to troubleshoot problems with software.

**LG2:** Application is important so that you can identify suitable software for a given purpose.

**LG3:** Being able to troubleshoot what is wrong with a computer’s software is important as it enables you to have the skills to correct software faults.