|  |  |
| --- | --- |
|  | 1. **Understand computer hardware** |
| 1.2 Computer components, i.e.:  •processors  •motherboards  •storage (hard drive, solid state, flash, internal, removable, SAS, SCSI, portable, Cloud)  •ports (USB, Firewire, SATA, Network, Fibre Channel)  •memory (RAM, ROM, cache)  Expansion cards (sound, network, graphics, storage controller, fibre channel)  •power supplies  •characteristics  •purpose | |
| Learners should know about the component parts of a computer system and their characteristics.  This should lead into learners developing their understanding of the purpose of each component. | |

**General Notes:**

**Storage –** Find out about the definitions for the following (Add in images)

|  |  |
| --- | --- |
| Hard Drive |  |
| Solid State |  |
| Flash |  |
| Internal |  |
| Removable |  |
| SAS |  |
| SCSI |  |
| Portable |  |
| Cloud |  |

**Ports –** Find out about the definitions for the following (Add in images)

|  |  |
| --- | --- |
| Hard Drive |  |
| Solid State |  |
| Flash |  |
| Internal |  |
| Removable |  |
| SAS |  |
| SCSI |  |
| Portable |  |
| Cloud |  |

**Memory –** Find out about the definitions for the following (Add in images)

|  |  |
| --- | --- |
| RAM |  |
| ROM |  |
| Cache |  |

**Expansion Cards –** Find out about the definitions for the following (Add in images)

|  |  |
| --- | --- |
| Sound |  |
| Network |  |
| Graphics |  |
| Storage Controller |  |
| Fibre Channel |  |