|  |  |
| --- | --- |
|  | 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 |  |