

On-screen Tests Minimum Specification

Minimum Network Specification

The specification below is for a Windows or Red Hat Enterprise Linux network. If you are using a Red Hat Enterprise Linux network, it will be necessary to complete a technical questionnaire for your server as well as running the network audit tool on your workstations.

Server Minimum Specification

| | |
|-----------------------------------|---|
| Processor Speed * | 1.7GHz or above (single CPU Server) 1.2GHz or above (multiple CPU or dual core CPU Server) |
| Memory (RAM) | 256Mb SDRAM |
| Network Connection | 1Gb LAN interface card |
| Operating System | Windows 2000 Server (Service Pack 4 or later) Windows 2003 Server Windows 2003 Server Release 2** Red Hat Enterprise Linux |
| Hard Disk Space: Software | 2Gb free space |
| Hard Disk Space: Storage + | 20Mb of storage space per pupil |
| CD/DVD ROM | CD-ROM or DVD drive (for software installation) |

* Refers to physical CPU clock speed.

+ To run an average KS3 cohort of pupils (120) through the familiarisation materials and assessment tasks, a minimum of 2.4GB of storage space is recommended.

** 64-bit Windows is now supported.

Windows OS Workstation Minimum Specification

| | |
|---------------------------|---|
| Processor Speed | 1.0GHz |
| Memory (RAM) | 128Mb SDRAM |
| Display § | Resolution 1024 x 768 |
| Network Connection | 100Mbps network interface card |
| Operating System | Windows 2000 (Service Pack 4 or later) Windows XP (Service Pack 2 or later) Windows Vista |
| Hard Disk space | 250Mb of free space |
| Video Memory | 32Mb of video memory |
| Browser | IE6+, Mozilla Firefox 1.5+ |

§ For the best pupil experience a monitor with a 17" visible area or larger is strongly recommended. If you use a screen resolution of 800 x 600 please contact the KS3 ICT Technical Support Team.

Network Infrastructure Guidelines

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|--------------------------------|---|
| Cabling | Category 5/5e/6 UTP Cabling |
| Server Connection Speed | 1Gb server connection |
| Workstation Connection | Switched 100Mbps connection recommended |
| Connection Sharing | Shared 100Mbps connections if necessary but a maximum of 24 users per switch feed. Hubs, where used, should not be cascaded |