

System Requirements

Server Specs

	Minimum Specification	Recommended Specification
Processor Type & Speed		
Windows	Pentium 166MHz or higher	Pentium II or Pentium III 400 MHz or higher
Macintosh	PowerPC 120MHz or higher	G3 or G4 350 MHz or higher
Memory (RAM)		
Windows	64MB or higher	128MB or higher
Macintosh	64MB or higher	128MB or higher
Hard Disk Space		
Windows	4.5GB reserved for READ 180	4.5GB reserved for READ 180
Macintosh	4.5GB reserved for READ 180	4.5GB reserved for READ 180
	This is a cumulative amount, based on 60 users making final recordings for a full READ 180 year. Expect an initial hard disk requirement of between 100-200MB.	
Networking		
Windows	10 base-T Ethernet Card	10/100 base-T Ethernet Card
Macintosh	10 base-T Ethernet Card	10/100 base-T Ethernet Card
	Scholastic will not support READ 180 if being used on a WAN (Wide Area Network). We understand that in some instances READ 180 will run successfully over a WAN, but Scholastic cannot guarantee the performance of the software in this environment.	
	Although we strongly recommend against it, READ 180 will run on a WAN provided that it can offer a minimum of 10 Mps-connectivity speed. This means that T1 WAN's are insufficient for READ 180 use.	
Operating System		
Windows	Windows NT 4.0 Server, Novell Netware 3.x or higher	Windows NT Server 4.0
Macintosh	AppleShare IP 6.2 or higher, MAC OS 9	AppleShare IP 6.2 or higher or MAC OS X

System Requirements

Student/Teacher Workstation Specs

	Minimum Specification	Recommended Specification
Processor Type & Speed		
Windows	Pentium 166MHz or higher	Pentium II or Pentium III 233 MHz or higher
Macintosh	PowerPC 120MHz or higher	G3* or G4 233 MHz or higher (* iMacs & iBooks contain G3 Processors)
Memory (RAM)		
Windows	32MB	64MB or higher
Macintosh	32MB	64MB or higher (32 MB free)
Hard Disk Space*		
Windows	100 MB free – Student WS 120 MB free – Teacher WS	150 MB free – Student WS 170 MB free – Teacher WS
Macintosh	100 MB free – Student WS 120 MB free – Teacher WS	150 MB free – Student WS 170 MB free – Teacher WS
Networking		
Windows	10 base-T Ethernet Card	10/100 base-T Ethernet Card
Macintosh	10 base-T Ethernet Card	10/100 base-T Ethernet Card
Operating System		
Windows	Windows 95	Windows 95 or 98
Macintosh	Mac OS 7.5 (iBooks must use OS 9.0.4)	Mac OS 7.5 or higher * (iBooks must use OS 9.0.4) * Operating System should not exceed the capabilities of the model Mac in use.
Peripherals		
Windows	2x CD-ROM drive, Speakers or Headphones, Microphone, 640x480 16-Bit Color Monitor	8x CD-ROM drive, Headphones, Microphone, 640x480 16-Bit Color Monitor
Macintosh	2x CD-ROM drive, Speakers or Headphones, Microphone, 640x480 16-Bit Color Monitor	8x CD-ROM drive, Headphones, Microphone, 640x480 16-Bit Color Monitor

Incompatible Hardware

ESS 1868/1869 Sound Cards	Usually found in Compaq computers
TBS Montego Sound Cards	
Ensoniq ES 1370 Sound Cards	
Power Macintosh 5400	Will operate as Read 180 Workstations, but are not compatible as Teacher Workstations

Additional Peripherals

One cassette player or walkman with headphones for each student in the Independent Reading Rotation.

Typical READ 180 Classroom Configuration

Instructional Reading Rotation

There are typically 6 computers in the READ 180 classroom, 5 student workstations and one teacher workstation. The server may or may not be in the classroom.

Additional classroom needs:

- **Network Drops** Each computer should be able to connect to the network through network drops or through a switch or hub located in the classroom.
- **Cabling** Each computer should have cabling sufficient to connect it to the network.
- **Electrical Outlets** The computers should have convenient access to electrical outlets in the classroom.
- **Audio Peripherals** Each computer needs a headset and a microphone that is known to be compatible with the particular make, model and Operating System on the computer.
- **Printer** The computers in the classroom should have access to a printer for printing student and teacher reports.

Modeled or Independent Reading Rotation

A cassette player or walkman with working headphones is needed for each student in the rotation, typically five. These are used to play the cassettes, which accompany the READ 180 audio books.