

# LARSON'S Matemáticas Saltarinas

version 2.1

## Minimum Server System Requirements

<i>Operating System</i>	<ul style="list-style-type: none"> <li>• Microsoft® Windows® NT 4.0 or later, Novell® NetWare® 5.1 or later, AppleShare® IP 6.0 or later, Mac® OS X, or an equivalent file server.</li> </ul>
<i>Processor (CPU)</i>	<ul style="list-style-type: none"> <li>• Pentium II or Power Macintosh® G3. Varies by operating system. Some operating system requirements may exceed those listed.</li> </ul>
<i>Memory (RAM)</i>	<ul style="list-style-type: none"> <li>• 256 MB</li> </ul>
<i>Network</i>	<ul style="list-style-type: none"> <li>• 10 Base-T Ethernet</li> </ul>
<i>Hard Drive Space</i>	<ul style="list-style-type: none"> <li>• Varies by grade level           <ul style="list-style-type: none"> <li>_ Kindergarten: 310 MB</li> <li>_ Grade 1: 440 MB</li> <li>_ Grade 2: 550 MB</li> <li>_ Grades K-2: 1.3 GB</li> </ul> </li> <li>• Student Data: approximately 1 MB per 20 students</li> </ul>
<i>CD-ROM</i>	<ul style="list-style-type: none"> <li>• 4X CD-ROM for installation to the server</li> </ul>

## Minimum Client System Requirements

<i>Operating System / Processor (CPU) / Memory (RAM)</i>	<ul style="list-style-type: none"> <li>• Windows® 98           <ul style="list-style-type: none"> <li>• Pentium II</li> <li>• 64 MB</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Mac® OS 9.2           <ul style="list-style-type: none"> <li>• Power Macintosh® G3</li> <li>• 64 MB</li> </ul> </li> </ul>
<i>Operating System / Processor (CPU) / Memory (RAM)</i>	<ul style="list-style-type: none"> <li>• Windows® 2000, XP           <ul style="list-style-type: none"> <li>• Pentium III</li> <li>• 128 MB</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Mac® OS X 10.1.5, 10.2.6, 10.3 or later           <ul style="list-style-type: none"> <li>• Power Macintosh® G3</li> <li>• 128 MB</li> </ul> </li> </ul>
<i>Local Hard Drive Space</i>	<ul style="list-style-type: none"> <li>• Student Program: 15 MB</li> <li>• Classroom Management System: 15 MB</li> </ul>	<ul style="list-style-type: none"> <li>• Student Program: 15 MB</li> <li>• Classroom Management System: 15 MB</li> </ul>
<i>Graphics</i>	<ul style="list-style-type: none"> <li>• 640 x 480, 256 colors</li> </ul>	<ul style="list-style-type: none"> <li>• 640 x 480, 256 colors</li> </ul>
<i>Audio</i>	<ul style="list-style-type: none"> <li>• 16 Bit</li> </ul>	<ul style="list-style-type: none"> <li>• 16 Bit</li> </ul>

## Improvement Recommendations

The requirements listed above outline the minimum hardware required to successfully use the program with minimum acceptable performance. In network situations, there are many variables that can affect performance. We have outlined the most important issues that may be addressed to increase the performance level of our programs in network situations. The suggestions are listed in order of importance. Note that the server and client improvements should not be addressed independently. If you choose to make hardware improvements, you should consider addressing some of the issues on both the server and the client.

*Server Improvements* In regard to the server, the first improvement would involve upgrading the network from 10 Base-T Ethernet to 100 Mbps Switched Ethernet. The next improvement would involve adding additional memory to the server for a total of 512 MB RAM or more. The last concern you may want to address is upgrading to a faster hard drive (EIDE, Fast SCSI, etc.).

- 100 Mbps Switched Ethernet
- Additional Memory (512 MB +)
- Faster Hard Drive (EIDE, Fast SCSI, etc.)

*Client Improvements* In regard to the client computers, the most beneficial hardware consideration would be to increase the amount of memory on the workstation. The next issue to address would be the processor speed. We suggest upgrading the processor to at least a Pentium III processor or faster for the PC, and upgrading to a G4 or higher for the Macintosh. The last concern you may want to address is a faster video card.

- Additional 64 MB RAM
- Faster Processor
- Faster Video Card