Ascend Math

Ascend Technology Requirements

Ascend is designed to be accessible to students and teachers from school or at home, on any Internet-connected computer or tablet. Ascend supports Internet Explorer or Google Chrome on PCs and Safari or Google Chrome on Macs.

Recommended Technology Setup

PC:

Operating System: Windows 8

Browsers: IE 10.x or higher
OR Google Chrome 24

2 GB RAM
300 MB free hard drive space
Pentium Core 2 Duo or higher

Monitor/Video Card Requirements:
Resolution: 1024 X 768

Plugin:
For Administrators and Teachers Only:

Adobe Reader 9 or higher

Mac:

Operating System: Mac OS 10.7

Browsers: Safari 5 or higher
OR Google Chrome 24

2 GB RAM
300 MB free hard drive space
Pentium Core 2 Duo or higher

Chrome Book:

Operating System: Chrome OS 24

Browser: Google Chrome 24

2 GB RAM or higher
300 MB free hard drive space
Celeron 1.1GHz or higher

Minimum Technology Setup

PC:

Operating System: Windows 7

Browser: IE 9.x or higher
OR Google Chrome 24

512 MB RAM
300 MB free hard drive space
1.6 MHz Pentium 4

Monitor/Video Card Requirements:
Resolution: 800 X 600

Plugins:
For Administrators and Teachers Only:

Adobe Reader 9 or higher

For IE 8 Only:

Flash 11 or higher

One of the following ports will need to be open and accessible: 80, 443, or 1935

Mac:

Operating System: Mac OS 10.5

Browser: Safari 5 or higher
OR Google Chrome 24

512 MB RAM
300 MB free hard drive space

Chrome Book:

Operating System: Chrome OS 24

Browser: Google Chrome 24

2 GB RAM or higher
300 MB free hard drive space
Celeron 1.1GHz or higher

Tablets Supported

iPads with iOS 4 or higher
Nook Tablet with Android 2.3 or higher

Most tablets running Android 2.3 or higher
Chrome Book

Specific Domains

The following domains and their subdomains need to be made available on any device that will be using Ascend. The domains will need to be added to your network firewall and Internet Explorer's trusted sites.

Domains:
streamhoster.com
mathjax.org
ascendmath.com

myascendmath.com

Bandwidth Requirements

The required streaming rate of the videos is 62.5 KB/S for each student. The following calculations are based on how many students will be concurrently using Ascend, not how many student licenses you have. For example, if 5 students are streaming at the same time, the required streaming rate is 5 * 62.5 KB/S = 312 KB/S. If 25 students are streaming at the same time, the required streaming rate is 25 * 62.5 = 1562.5 KB/S or about 1.5 MB/S.

Device Compatibility Test (Device Test)

- The Device Test scans your device to confirm that you have a supported OS, browser and trusted sites required for Ascend Math to function properly.

- To generate this test click the Device Test button on the Ascend Math login page.

- This is available to any users who can access myascendmath.com.