



Technical Requirements for MyZBPortal.com

Note: for the best experience, we recommend keeping your browser updated to the latest version.

DEVICE

	Windows	Mac	Chromebook	iPad	Android tablet
CPU	Dual Core or higher			iPad 5 or newer	Quad-Core or higher
RAM	8GB	8GB	4GB	2GB	3GB
Resolution	1280x800 or higher				
Screen size	n/a			9" or larger	

OPERATING SYSTEM

	Windows	Mac	Chromebook	iPad	Android tablet
OS	Windows 10 or higher	MacOS v 11 (Big Sur) or higher	latest	iOS 15 or higher	12 or higher

Chromebooks: for your security, and to ensure that you can run our applications properly, we recommend that you use Chromebooks that have not reached [Auto Update Expiration](#).

BROWSER

	Windows	Mac	Chromebook	iPad	Android tablet
Chrome	110 or higher	110 or higher	latest	110 or higher	110 or higher
Edge	110 or higher				
Safari	15 or higher			15 or higher	
FireFox	111 or higher	111 or higher			
Internet Explorer	<i>not supported</i>	n/a			

Superkids Online Fun

To use Superkids Online Fun on an **iPad or Android tablet device**, you must download the Superkids Online Fun app from the App Store or Google Play store. Superkids Online Fun is not playable through the browser on iPad or Android devices. To run the app successfully, ensure that your iPad or Android tablet device meets the device and operating system requirements above.

Additional requirements

- Cookies and JavaScript enabled
- PDF reader such as Adobe Acrobat
- Third-party add-ons disabled (browser add-ons can cause issues)
- HTTPS support enabled
- TLS 1.2 or higher

Network Connectivity

Bandwidth

A broadband internet connection is required. Size will vary depending on the number of concurrent users and content being accessed. We recommend a minimum of 5mb dedicated.

The minimum recommended average for each computer or device:

- 1mbps/workstation or greater recommended

Average, peak, and initial bandwidth requirements vary greatly depending on the product and the usage. No matter how fast the network connection between workstations and servers, if other bandwidth-intensive activities (VoIP, streaming video, audio downloads, database backups, etc.) are running on the network at the same time, performance may suffer. For this reason, the use of packet-shaping techniques on heavily trafficked networks is recommended.

Wireless

Zaner-Bloser software operates over TCP/IP networks including wireless (802.11.a, g, n). Refer to your wireless access point's manufacturer-recommended device limits.

Firewall & Content Filtering

If you employ a centralized content filtering mechanism in your network, this can impact content load times. You should disable content filtering from the following domains and IPs which are used to serve Zaner-Bloser online materials:

- 72.3.207.81
- *.myzbportal.com
- fast.wistia.net (streaming video content)
- zaner-bloser-zbportal.azureedge.net
- prod-zbportal.azurewebsites.net
- zb-portal.azureedge.net

Content is delivered over both HTTP & HTTPS protocols on ports 80 and 443, respectively, and your firewall must allow packet delivery over those ports from the domains listed above.