

## Technology Requirements

Blueprint works on most tablets, laptops or desktops. Tablets are recommended for better usability. Please verify that your device meets the requirements below:

	Tablets		Laptops/desktops	
	Minimal	Recommended	Minimal	Recommended
<b>Multi-core Processor</b>	1 GHz	1.5+ GHz	1.2 GHz	1.8+ GHz
<b>RAM</b>	1 GB	2+ GB	2 GB	4+ GB
<b>Screen size</b>	7"	9-10"	11" (1024x768)	13"+
<b>Operating system</b>	<ul style="list-style-type: none"> <li>○ iOS 9+</li> <li>○ Android 5+</li> </ul> Make sure that your device's OS is frequently updated to the latest version. FireOS is not supported.		<ul style="list-style-type: none"> <li>○ Windows 7 SP1+</li> <li>○ Windows 8+</li> <li>○ Windows 10</li> <li>○ Mac OS X 10.10+</li> <li>○ Chrome OS 53+</li> </ul>	

Headphones are required for all students.

Supported Browsers	Bandwidth
<ul style="list-style-type: none"> <li>○ Chrome 53+</li> <li>○ Internet Explorer 11+</li> <li>○ MS Edge 38+</li> <li>○ Firefox 48+</li> <li>○ Safari 9.1+</li> </ul> For better performance, we recommend <a href="https://www.google.com/chrome/">Google Chrome</a> .	Minimal required connection during class time (incl. 1 teacher): <ul style="list-style-type: none"> <li>○ for 5 students: 1.5 Mbps down / 0.3 Mbps up.</li> <li>○ for 15 students: 5 Mbps down / 1 Mbps up.</li> </ul> Recommended connection during class time (incl. 1 teacher): <ul style="list-style-type: none"> <li>○ for 5 students: 5+ Mbps down / 1+ Mbps up.</li> <li>○ for 15 students: 15+ Mbps down / 3+ Mbps up.</li> </ul>

Some devices known not to meet these requirements include: iPad 1<sup>st</sup> gen. (2010), iPad 2 (2011), iPad mini 1<sup>st</sup> gen (2012) and all Kindle Fire tablets.

If you are experiencing issues with Blueprint, please see the troubleshooting guide at [community.reasoningmind.org](https://community.reasoningmind.org).  
 Read more about Blueprint at [www.reasoningmind.org/blueprint](http://www.reasoningmind.org/blueprint).