GALE INTERACTIVE WEB VIEWERS
PERFORMANCE EXPECTATIONS

Gale Interactive resources – *Gale Interactive: Science, Gale Interactive: Human Anatomy,* and *Gale Interactive: Chemistry* – have web viewers to enable users to see and interact with the 3D interactive content. The minimum system requirements, browser and device compatibility, and performance expectations for these 3D interactive sessions are outlined below.

REQUIRED HARDWARE AND BANDWIDTH SPEEDS

Gale Interactive products feature WebGL/BabylonJS *(Gale Interactive: Science, Gale Interactive: Human Anatomy)* and WebGL/Unity *(Gale Interactive: Chemistry)* players for 3D content.

WebGL Viewer Minimum System Requirements
Operating System: 64-bit Windows 10+, Mac OS X 10.8+
Processor: Intel(R) Core (TM) i3 equivalent and higher
Installed Memory (RAM): 4 GB and higher
Internet Speed: 10Mbps DL and higher

Mobile Support
The WebGL/BabylonJS player *(Gale Interactive: Human Anatomy*, all non-chemistry activities in *Gale Interactive: Science)* is supported on mobile tablets and may be accessed via the Chrome browser. **Note that content using the WebGL/Unity player** *(Gale Interactive: Chemistry* and chemistry content in *Gale Interactive: Science)* **is not currently accessible via browser on mobile devices**. While the content may be viewable on certain high-end devices, most current devices are not powerful enough and do not have enough memory to support WebGL/Unity content well. For this reason, users trying to load chemistry activities via mobile browsers will see a warning message stating that the content is not supported. To facilitate viewing of chemistry activities on iOS tablets an iPad app is available.

REQUIRED SOFTWARE

WebGL/BabylonJS and WebGL/Unity are compatible with major desktop browsers, although the level of support and the expected performance can vary between different browsers.

Device and browser support for WebGL
Visit https://get.webgl.org on the device with which you want to access Gale Interactive products to confirm that your device and browser support WebGL players.

Browser versions
Gale Interactive products are compatible with the Chrome, Edge, Firefox, and Safari browsers. We recommend that users run a browser no more than one major version older than the current version. For example, if the current version of a browser is 87, we ensure support of versions 86 and 87. Devices that run an older version of these browsers may experience bugs or other disruptions in performance.