



# Esri GIS Software Capacity QuickView for Schools

ArcGIS is a platform with various technologies that work together. These tools have different capacity and complexity. This table highlights some of the basic powers and key differences among tools popular for school instruction. For more info, see <http://edcommunity.esri.com/software> and <http://www.esri.com/products>.

ArcGIS for Desktop Community Analyst ArcGIS Online (org. subscr.) ArcGIS Online (public account)	<a href="#">ArcGIS Online public</a> <a href="#">(Map Viewer,</a> <a href="#">Explorer Online,</a> <a href="#">Mobile apps, APIs)</a>	<a href="#">ArcGIS Online</a> <a href="#">organiz. subscrp.</a> <a href="#">(Public + more tools,</a> <a href="#">Esri Maps for Office)</a>	<a href="#">Community</a> <a href="#">Analyst</a>	<a href="#">ArcGIS for Desktop</a> <a href="#">(Advanced/ArcInfo,</a> <a href="#">Standard/ArcEditor,</a> <a href="#">Basic/ArcView)</a>
General ease of learning & capacity	<===== easier to learn <===== > greater capacity =====>			
Free or \$ (avail. with site license?)	free	\$ (avail.w/SL for instr.)	\$ (avail.w/SL for instr.)	\$ (avail.w/SL)
Application type	Web browser apps (check plugin reqs); mobile apps	Same as public; EMO=> MS-Office 2010 for Windows + plugin	Topic-focused app for web browser & Flash plugin (+PDF)	Robust desktop app for Windows, integrates with AGO Org & web
Hard drive space required for application and built-in data	Browser/s, plugins, mobile apps	Same as public; MS-Office, plugin	Browser/s, plugins	app = 2 gb data = choice
Computer (Windows/MacOS)	Y (check req's)	Y; EMO=Win	Y	Windows only
Mobile (tablet, smartphone)	Y (check req's)	Y (check reqs)	-	-
Open/create/save maps + apps	Y("public" only)/Y/Y	Y/Y/Y	Single user focus	Y
Share maps + apps	Y("public" only)	Y	-	Y
Create & view "presentations"	Explorer Online creates; Map Viewer can view	Same as public; + EMO/PPT webmaps	-	Pres. via extension; build animations
Work with GIS data stored on user's local device	Add .gpx, .csv, .txt, .kml, or shp.zip	Same as public; EMO => .XLS	.XLS, shp.zip	Widest variety
Share contents of maps ("layers") for use by others, and share output	Post items to download; others can copy maps; print, screenshot	Public + publish feature services (including editable features)	Limited (because of data agreements)	"Unlimited," incl. org. user can publish tiles & editable feature srvcs w/ pulldown menus
Pan/zoom/bookmark/measure	Y	Y	Pan/zoom	Y
Identify features, find places	Y	Y	Find	Y
Show/customize popup attributes, link to external content	Y	Y	-	Y
Display table (layers w/ attributes)	Y	Y	Y + reports	Y
Analyze features using query	Y	Y	Y	Unlimited
Analyze via changing classification and/or symbolization of features	Limited	Limited	Less limited	Unlimited
Analyze features w/ geoprocessing	-	Y	SmartMap, buffer	Unlimited
2D or 3D display	2D	2D	2D	2D + 3D apps
Change map projection	Via basemap	Via basemap	-	Unlimited
Custom curriculum sites	<a href="http://edcommunity.esri.com/blog">http://edcommunity.esri.com/blog</a> , <a href="http://www.esri.com/arclessons">http://www.esri.com/arclessons</a> , <a href="http://esriurl.com/owge">http://esriurl.com/owge</a>			