Arizona Esri K-12 Statewide site license: [http://esriurl.com/k12schoollicenses](http://esriurl.com/k12schoollicenses)
An Esri Statewide license provides for Instructional use for a states K-12, and K-12 non formal education organizations. See if your state is participating in a statewide license.
- ArcGIS desktop software for instructional, research and administrative
- ArcGIS Online for Organizations Subscription for instructional use.
- Community Analyst Online Subscription for instructional use.
- Business Analyst Online subscription for instructional use.
- Esri Virtual Campus courses for students, faculty, and staff
- Site license resources: [http://www.esri.com/industries/university/academic_programs/sitelic-resources.html](http://www.esri.com/industries/university/academic_programs/sitelic-resources.html)
- Online Spatial classes for educators and students

Where to start?
[http://esriurl.com/ago5x5](http://esriurl.com/ago5x5) >> Teaser activities for exploring ArcGIS Online with no background, no login required
[http://esriurl.com/mappingwithago](http://esriurl.com/mappingwithago) >> Guidance on how to learn to use ArcGIS Online; item#12 expressly for educators
[http://esriurl.com/agousestrategies](http://esriurl.com/agousestrategies) >> Guidance for educators in planning usage, at a 50,000 foot level

[http://esriurl.com/funwithgis120](http://esriurl.com/funwithgis120) >> Blog: Five Favorite World Maps on ArcGIS Online

[http://storymaps.esri.com](http://storymaps.esri.com) >> StoryMaps site: TERRIFIC stories in maps of focused topics (plus templates)
[http://edcommunity.esri.com/careers](http://edcommunity.esri.com/careers) >> Show anyone why kids should be using these tools

This should stimulate exploring, thinking, and dreaming. As to desktop versus online tools, my recommendation for educators these days is to start with ArcGIS Online, and move into ArcGIS Desktop only when either (a) local internet access is just too slow for the number of students/stations, or (b) you have a specific project for which the horsepower of ArcGIS Desktop is necessary.

ArcGIS Online: [www.ArcGIS.com/home](http://www.ArcGIS.com/home)
Anyone may sign up for a Free personal/public account. Secure school ArcGIS online organizational subscriptions for instructional use are available. School administrative subscription discounts are available.

ArcGIS online tutorials
[www.esriurl.com/mappingwithago](http://www.esriurl.com/mappingwithago) (start at the beginning and work through the various links)
Teaching with GIS: Introduction to Using GIS in the Classroom (no charge)
http://training.esri.com/gateway/index.cfm?fa=catalog.webCourseDetail&courseid=2198
Today's students embrace technology outside the classroom, and, when used effectively, technology is an excellent tool to engage students inside the classroom as well. This course presents strategies for integrating GIS to support instruction, discussion, and extended learning on any topic. You will learn how to create and use GIS maps as a framework for understanding the geographic context of current and historical events and phenomena and exploring issues of interest to your local community. Many practical ideas for GIS activities that enhance student learning and critical thinking skills are shared.

Who Should Attend
✓ Elementary through community college educators, curriculum coordinators, and educational technologists.
✓ Youth leaders and GIS professionals who work with or mentor educators and students.

Esri Education Community Portal - http://edcommunity.esri.com
✓ FREE Lesson Plans (ArcLessons and Our World GIS Education)
✓ Connect with others in education
✓ Software & Data
✓ Career Development
✓ Community Blog
✓ Resources: GIS in Stem, eBooks
✓ Webinars (Where to start, analyzing, intro and many more)
✓ Upcoming Community Events
✓ Esri Education Programs
✓ Follow us

Esri SpatialLABS
http://edcommunity.esri.com/spatialabs
These freely downloadable SpatialLABS are stand-alone computer lab activities that introduce, develop, and reinforce spatial reasoning and analysis skills. SpatialLABS use current mapping technology and visualization tools to help students see real-world applications of the concepts and skills they are studying. There are more than 60 topics that motivate, interest, and challenge students. Find sample lessons under Levels of Labs link.

Additional Curriculum:
- DigitalQuest: GIS Curriculum for CTE classes www.digitalquest.com
- EdCommunity Resources: http://edcommunity.esri.com/Resources (lessons, Bibliography, more)
- James Madison Virginia Geospatial Semester http://www.isat.jmu.edu/geospatialsemester/
- UT DOE: Introduction to GIS, and Introduction to GIS Remote Sensing for High School: http://www.schools.utah.gov/cte/it_course.html Contact Carl Lyman for additional information. carl.lyman@schools.utah.gov

Teacher Professional Development and Partnering opportunities:
National Science Teachers Association: www.nsta.org
National Council for Geographic Education: www.ncge.org
International Society for Technology in Education: www.iste.org
Colleges and Universities offering GIS classes: http://edcommunity.esri.com/universityprograms/
Esri GIS in Instruction – YouTube Video Series
2013 National Youth Science Day Geospatial Experience & webinars: www.4-H.org/NYSD
Teacher training, GPS books and more, www.gisetc.com
Loaner GPS units: Check with your state Geographic Alliance
GIS Day: www.gisday.com

Esri T3G: Teachers Teaching Teachers GIS Institute, June 2015, Redlands CA
NAU NSF Grant advances career and educational pathways in Geospatial Technology. 

The Advanced GEOCACHE Institute will occur July 21-25, 2014 at MCC. Lori Rubina-Hare and Joelle Clark will be involved in the pedagogical instruction of the Advanced Institute. During this week, you will decide whether to develop a project based unit integrating GST or build a replication of an entire Geospatial Semester course for implementation in Fall 2014 or Spring 2015. If you do implement a replication of the Geospatial Semester, we are currently working with MCC and NAU to see how we might be able to offer the course for dual enrollment credits.  Lori Ann Rubino-Hare <Lori.Hare@nau.edu>

Free Esri Virtual Campus Courses through www.esri.com/training  (free and annual license)
Explore who uses GIS technology: www.esri.com/industries
Penn State Geospatial Revolution video series: http://geospatialrevolution.psu.edu/ 

GIS for Education: Teachers, Administrators, Policy Makers & Researchers, Students, Parents
www.esri.com/education  Case studies, white papers, & books.
GIS for Community Analysis: demographics, trends,
www.esri.com/communityanalyst
GIS for Your World: Redistricting, Planning, Architecture, Engineering and Construction (AEC) and more.
http://www.esri.com/industries
GIS for Facilities: Portfolio, Operations, Safety & Security, BIM
GIS for Transportation: Logistics, School Bus routing, Safe Routes to School
www.esri.com/transporation & www.uscomputinginc.com
GIS for Planning: School site location,
www.esri.com/planning & www.davisdemographics.com

Questions? Send an email to eworker@esri.com for more information on how to integrate GIS technology into your educational programs.

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