

ArcGIS Training Guide for K-12 Educators

Esri offers a variety of resources and training to help K-12 educators and their students learn with and about GIS. Whether you are looking for instructional resources to use with students, training to provide context and GIS know-how for yourself, or best practices for managing your school ArcGIS Online organization, we can help you to grow your skills and confidence.

Training and resource recommendations

The recommended training and instructional resources for educators listed below focus on use of ArcGIS Online. These resources, or links to them, can be found on two curated websites:

- Esri Training (www.esri.com/training)
- Esri K12 GIS Organization on ArcGIS Online (k12.maps.arcgis.com)

Recommended training for educators

- [Teaching with GIS: Introduction to Using GIS in the Classroom](#)
Presents strategies for integrating GIS to support instruction, discussion, and extended learning on any topic. It includes many practical ideas for GIS activities that enhance student learning and critical thinking skills. Uses ArcGIS Online. (Free web course)
- [ArcGIS Online SkillBuilder Activities for Education](#)
Use this document, created especially for educators as your scaffolded pathway to learning to use and teach with ArcGIS Online. Explore ArcGIS Online, assess skills, learn techniques, and build your capacity with GIS. (Document)
- [Going Places with Spatial Analysis](#) (MOOC)
This course is for people who know something about data analysis and want to learn how the special capabilities of spatial data analysis provides deeper understanding.
 - [Esri MOOCs program page](#)
- **Documents and training about ArcGIS Online use and administration**
 - [ArcGIS Online Use Strategies](#) - Best practices and options for teaching with ArcGIS Online.
 - [ArcGIS Online Organizations for K12 Schools](#) - A high-level view of ArcGIS Online organizations for use in K12 schools.
 - [ArcGIS Online: Administration Basics](#) (Video)
 - [Set Up an ArcGIS Organization](#) (Tutorial)
 - [Preparing to Implement ArcGIS Online](#) (Web course)
 - [Configuring and Administering an ArcGIS Online Organization](#) (Web course)
 - [Performing ArcGIS Online Administrator Tasks](#) (Web Course)

Recommended Instructional Resources

- [ArcGIS Online 5 By 5](#)
Five easy activities you can do in five minutes each. The activities require computers with internet access able to support simultaneous web-based mapping by all. No login required. (Document)
- [Get to Know GIS \(for Secondary Students\) Learning Plan](#)
This series of five self-paced web courses provides a concise introduction to what GIS is all about. Students can access the courses anonymously. Use them as a unit, or choose individual courses. Be sure to review the associated [Educator Guide](#).
 - Exploring GIS Maps
 - Getting Information from a GIS Map
 - Using GIS to Solve Problems
 - Telling Stories with GIS Maps
 - Putting Your GIS Skills to Work
- [Geolnquiries](#)
Geolnquiries are designed to be fast and easy-to-use instructional resources that incorporate ArcGIS Online web maps. Each 15-minute activity in a collection is intended to be presented by the instructor from a single computer/projector classroom arrangement. (Documents plus online maps)
 - [Link to latest Geolnquiry content](#)
- [Thinking Spatially with GIS](#) and [Mapping Our World](#)
These scripted lessons and maps were developed to enhance spatial learning for students, and to provide teachers with comprehensive and easy-to-use resources for GIS instruction in the classroom. (Documents plus online maps)

The resources listed here are a starting point. We encourage you to explore the many other learning resources found in the [Esri training catalog](#) and the [K12 GIS Organization](#).

Please contact Esri Training at GIStraining@esri.com or lbowden@esri.com with questions.