



June 17-18, San Marcos, TX

Maps tell stories; they explain, illuminate, and inspire. Digital maps are used across the world to map and analyze information, from simple neighborhood maps to the most complex regional disaster management models. Elementary, middle, and high school students in all subject areas benefit from using interactive maps to gather, analyze, and interpret data, gain insight into our world, and make decisions based on data and evidence that can be creatively demonstrated using their own maps and stories.

This workshop begins with a brief understanding of the importance of geography, and then participants can choose between **introductory sessions** which focus on using **existing instructional materials** and **specialized sessions** which provide the participant time and guidance in **creating materials and resources** using **Esri's ArcGIS Online's** digital mapping. Learn more about [Esri for Schools](#).

This workshop is hands-on, with lots of one-on-one assistance. Bring your ideas, enthusiasm, and if you have a project that you're working on, bring it too!

- Two session tracks are offered: Introductory for people new to ArcGIS Online and Specialist for those with some experience. Session descriptions are on the second page.
- All disciplines are welcome, but materials will focus on science and social studies. Instructional materials are for grades 4-12.
- After the workshop, participants are eligible for a \$100 stipend upon successful submission of a completed activity and digital map. Submitted by June 30.
- 12 hours of CPE available.
- Registration Fee: \$25.

Learn more & Register at
GEO.TXSTATE.EDU/TAGE

Or email Maggie Hutchins at mhutchins@txstate.edu

Lead Instructors:

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If you require accommodations due to a disability in order to participate, please contact 512.245.2170 at least 72 hours in advance of the event.
Texas State University is a tobacco-free campus.

Draft Session Descriptions. Two tracks of sessions are offered at the same time.

<i>Introductory Sessions: Using Existing Resources</i>	<i>Specialized Sessions: Analysis & Creating Maps and Resources</i>
Introduction to ArcGIS Online This is an introductory session for those new to online mapping with ArcGIS Online. Participants will learn the vocabulary of digital mapping, an overview of existing resources, and begin with an easy, hands-on activity that they can use in the classroom.	Advanced GeoInquiries & Analysis Level 2 GeoInquiries do analysis with ArcGIS Online, typically using the same great maps and activities from standard GeoInquiries. Level 2 activities are a little tougher than standard GeoInquiries, requiring an ArcGIS Online organization subscription and at least one account/login with publisher-level permissions to run the analysis tools. We will explore Level 2 GeoInquiries and discuss the geographic concepts highlighted in the analysis.
Introduction to GeoInquiries GeoInquiries™ are short, standards-based inquiry activities for teaching map-based content found in commonly used textbooks. Each activity is designed using a common inquiry model and can be presented quickly from a single computer and projector or modified for students' hands-on engagement.	Building Data & Using Survey 123 Identify ways that your students can collect and create data for digital mapping. This session will demonstrate the steps necessary to set-up data collection, then we will go into the field to collect data and that data as a layers onto digital maps. Participants will consider a geographic question, what geographic data is needed to answer the question, and then analysis of the data.
Incorporating Existing Materials into Your Curriculum This session provides an opportunity for participants to identify where and how existing Esri materials fit into their standards. Teachers will work together to develop background information, assessment, and receive feedback to improve the implementation of digital maps into their curriculum.	Building Lessons Using ArcGIS Online Participants will receive teacher-developed lessons as well as tips on building a geospatial lesson that utilizes technology. Participants will have time to build their own lesson with one-on-one assistance from faculty.
Intro to Story Maps and Web Apps AGO App Builder & Story Maps Are you new to Story Maps? Story Maps are interactive maps supported by a narrative. "Harness the power of maps to tell your story." This session will introduce you to thousands of existing Story Maps, and you will have an opportunity to create a Story Map of your own.	Taking Your Story Map to the Next Level Have you created a Story Map but want to take it to the next level? Are you interested in having your students create Story Maps? This session will provide tips and assistance on improving your use of the Story Map tools.

Email Maggie Hutchins at mhutchins@txstate.edu with any questions.