



Kentucky Geographic Alliance

March 2023

KGAlliance.org

This month's newsletter:

Educator Training Series

ArcGIS Competition

Women's History Month!

GIS Educator Training: Geographer's Guide

March 2023

The KGA is hosting Geographic Information Systems (GIS) training for interested Kentucky educators in February. The training will provide teachers with the tools necessary to understand storymaps and for participation in the AGO Competition. Educators can earn 6 professional development hours and a certificate by participating in the project. The first 5 educators to sign up and complete the training will earn a \$100 stipend in the form of a Visa gift card.

Send an email to kga@wku.edu with your name, school, grade, and discipline to get started!



WKU | EEAS
Earth, Environmental & Atmospheric Sciences

GIS Educator Training

Follow these steps to gaining better proficiency in GIS for your classroom! The Kentucky Geographic Alliance's program will help you to become more familiarized with the things GIS will allow you to do. This is a work at your own pace online course! Complete the training before **March 31st** to ensure success!

Pre-Assessment

Show what you know! This is a preliminary assignment to find what you already know about GIS concepts.

Pre-Assessment

Please take this pre-assessment before beginning this GIS Training



KGA assignments

KGA modules and exercises are designed to help you get more experience working with GIS concepts.

Outside Training Modules

Outside modules from ESRI allow you to be able to get more hands-on experience with the software.



Kentucky Storymap

This project culminates all that you have learned from the training modules and allows you to produce something of your own..

Post-Assessment

Demonstrate all that you have learned from the training!
The first 5 teachers to satisfactorily complete the training will receive a \$100 stipend!



For more information, visit kgalliance.org/gis-in-the-classroom.html to get started. Email kga@wku.edu to get signed up

ArcGIS Online Competition for Middle and High Schools

Spring 2023 - Opportunity for Teachers & Students In Kentucky

esri
ARCGIS
COMPETITION

STUDENTS CAN DEMONSTRATE WHAT THEY KNOW ABOUT GIS TO TAKE PART IN ESRI'S STORYMAP COMPETITION! STUDENTS ARE ABLE TO THINK CREATIVELY ABOUT SPATIAL GEOGRAPHY ON KY!

1. Students in grades 4-12, in teams of 1 or 2, do a custom project, then create a web app or story map about their project, and submit it to school.
2. Teachers at each school choose the school's 5 best and submit them to the state.
3. Participating states pick their 5 best HS and 5 best MS, award \$100 to each, pick 1 of each 5 for national competition, send info on all 10 to Esri.
4. Esri makes participation map, chooses 1 HS and 1 MS team for top prizes.
5. Top HS and top MS go to Esri Education Summit and present their map in Esri UC Map Gallery. Research! Map! Present!

<http://esriurl.com/agschoolcomp>

ARCGIS
COMPETITION

\$100 STIPENDS WILL BE GIVEN TO THE TOP 5 TEAMS FOR MIDDLE SCHOOL AND TOP 5 TEAMS FOR HIGH SCHOOL!

JAN 31 ENTRY FORMS AVAILABLE ON KGA WEBSITE

RECOMMENDED DEADLINE FOR INDIVIDUAL AND TEAM SUBMISSIONS AT THE SCHOOL LEVEL. APRIL 6-7

APRIL 12 DEADLINE FOR SCHOOL ENTRIES TO REACH THE KGA

FOR MORE INFORMATION VISIT
KGALLIANCE.ORG2023-ARCGIS-ONLINE-COMPETITION.HTML/
OR EMAIL KGA@WKU.EDU

The ArcGIS Online Competition for Middle and High Schools (AGO Competition) is happening now! Kentucky is participating in this national competition, and your students can enter. The AGO Competition is sponsored by ESRI, an international supplier of geographic information system software, web GIS and geodatabase management application. The GOAL of this competition is for students to conduct and share projects about something in their home state (Kentucky). Ten entries will each win a \$100 prize. Five middle school entries and five high school entries will be awarded a prize. School applications will be available on the KGA website in late January.

Here is a link to the KGA website that includes more info about the ArcGIS competition, important dates, and how to get started:

<https://www.kgalliance.org/2023-arcgis-online-competition.html>

ArcGIS Bundle

Bring Geographic Information Systems to your classroom by getting the ***FREE*** ArcGIS bundle! This includes a free license for ArcGIS software for public, private, and home schools. This is a special opportunity for you to teach your kids about the unexplored STEM industry that they most likely did not know about before.

Below is a link to the free ArcGIS school bundle presented by ESRI:
Schools Mapping Software Bundle

<https://www.esri.com/en-us/industries/education/schools/schools-mapping-software-bundle>

*This is the first step to participation in the AGO Competition and the GIS Educator Training.

It's International Women's Month!



Women's history month has its origins in the early 1980s, where in 1981 the U.S. Congress authorized Women's history week. Over the course of the following several years, several women wanted to give women a month to celebrate their history, until in 1987 when Congress named March as Women's History Month. Click [here](#) to learn more about the origins of women's history month in the US!

The Northern Kentucky Tribune released an article detailing stories of inspiring women in Kentucky's history! Click [here](#) to learn more about more local women who have made a difference in their communities!