



Kentucky Geographic Alliance
KGAlliance.org

September 2021

This month's newsletter:

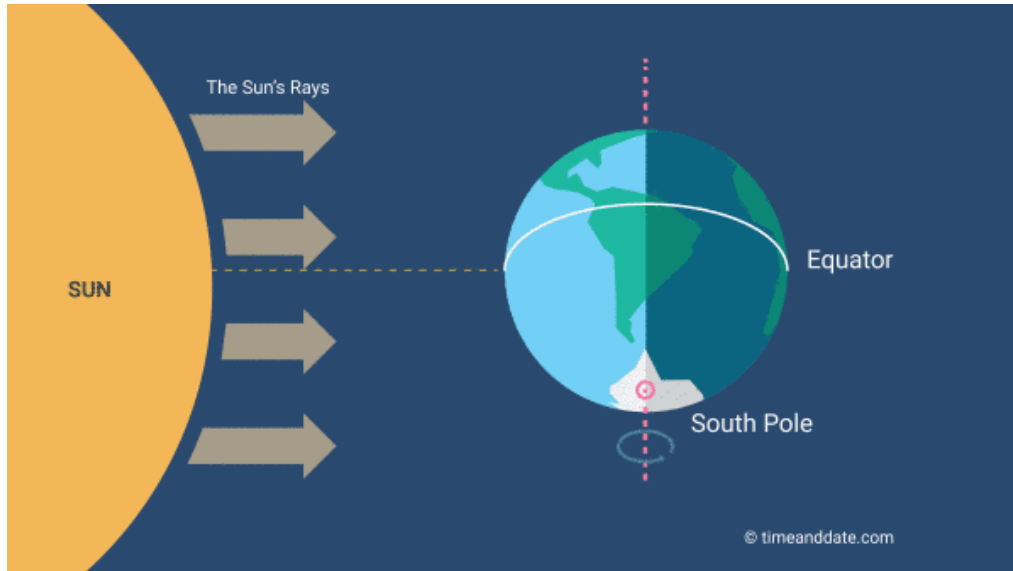
- **Celebrating the start of Fall! Be on the lookout for the Equinox!**
- **ESRI ArcGIS Bundle Opportunity**
- **Using Maps as a Teaching Tool**
- **Air Quality Awareness Week**
- **KGA Update: 2021 ArcGIS Online Competition**

Autumnal Equinox!

TODAY marks the start of fall! This year's Autumnal Equinox occurs at 3:20 P.M. EDT on Wednesday, September 22. At this time, there are approximately equal hours of daylight and darkness. Read more about this special day with this link! :

Autumnal Equinox 2021: The First Day of Fall

<https://www.almanac.com/content/first-day-fall-autumnal-equinox>



<https://c.tadst.com/gfx/600x337/september-equinox-dark.png?1>

NatGeo Kids Facts

Speaking of the equinox, below is a great link to share with your classroom kids to help familiarize them with the rock we call Earth. NatGeo Kids is a great resource to get your class engaged. You can scroll through their webpage to find content related to what you're teaching.

NatGeo Kids: Facts About the Earth

<https://www.natgeokids.com/za/discover/science/space/facts-about-the-earth/>

National Geographic Kids

<https://kids.nationalgeographic.com/>

ArcGIS Bundle Opportunity

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 ArcGIS school bundle presented by ESRI:

Schools Mapping Software Bundle

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



<https://gisgeography.com/wp-content/uploads/2014/07/What-Is-Geographic-Information-Systems-Featured.jpg>

The Black Death Map

National Geographic includes multiple resources to teach your kids historical and scientific information through the use of a map, such as this map explaining the Black Death. National Geographic is a notable resource to teach your kids through the use of Geospatial tools and maps.

Trade and the Black Death:

<https://www.nationalgeographic.org/activity/trade-and-black-death/>

National Geographic Homepage:

<https://www.nationalgeographic.com/>

Air Quality Awareness in Kentucky

On the topic of the atmosphere, Roberta Burnes created an ArcGIS Storymap to show how air pollution is measured in Kentucky and what exactly air pollution is. This map is interactive and is a great example of how geospatial technology can be used to educate others:

How clean is our air? Measuring Air Quality in Kentucky

https://storymaps.arcgis.com/stories/5210cbd87ba54201b05c9fa423b8e7bb?fbclid=IwAR1pgcrtAY2ScqmnCRIOzMPjFVnzyJxylx8TfwpN-A1cY0SL0_Q2Ox7Qi54

AGO Competition

The ArcGIS Online (AGO) Competition for Middle and High School students is a few months away! Kentucky is participating in this national competition, and you 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).

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

<https://www.kgalliance.org/2021-arcgis-online-competition-for-us-hsms-students.html>

Please forward this to any Kentucky educator you think would be interested in
the KGA's free geography resources.
KGAlliance.org

The KGA uses third party websites and does not provide the content for all resources in the newsletter.
We send you the resources to make you aware of various opportunities
that you might find useful in teaching geography.