



The World at Your Fingertips

MAKING ARCGIS ONLINE WORK FOR YOU
SECONDARY SOCIAL STUDIES TEACHERS
NOVEMBER 6, 2019

What is a Geographic Information System (GIS)?

A software system where the user inputs and interacts with a variety of spatial data to

- Visualize
- Question
- Analyze
- Interpret
- Reveal relationships, patterns, and trends



ArcGIS Online

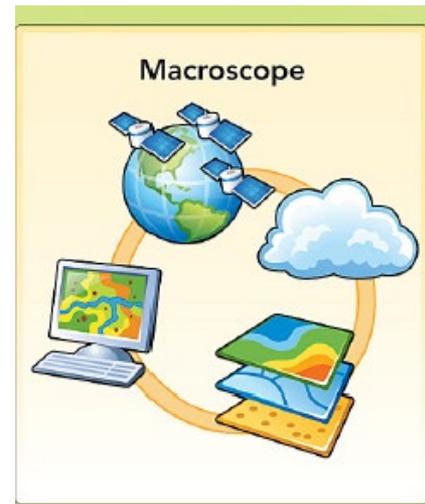
ALWAYS USE GOOGLE BROWSER

Cloud-based GIS

Hosts your maps, maps made by others

Hosts map layers

Provides basemaps



Guiding Principles

Everything occurs in time and space.

Maps are more than location.

Inquiry unlocks meaning.

He or she who interacts with the map learns the most.



Interacting

Acquire Complete a GeoInquiry (scripted lesson)

Google docs at <https://esriurl.com/geoInquiryWorksheets>

GeoInquiry App (in Madeira portal)

Explore Use tools: measure, change basemaps, add bookmarks, find lat, long, search for places

Add information to a map—**annotations**, spread sheet data, “found” layers

Represent —change symbols, filter, classify data

Analyze patterns, aggregate data, create hexabins, create buffers, drive times (Level 2 Geoinquiries)

Accessing

Interacting

Saving

Modifying



Creating

Build a map

Add layers and remove layers from a map

Annotate a map, add pop-ups images

Make a Presentation

Web Apps

- From template—story map
- Web App Builder

Logging in to the Megaorg

Go to vbschools.maps.arcgis.com

Select the Enterprise log in.

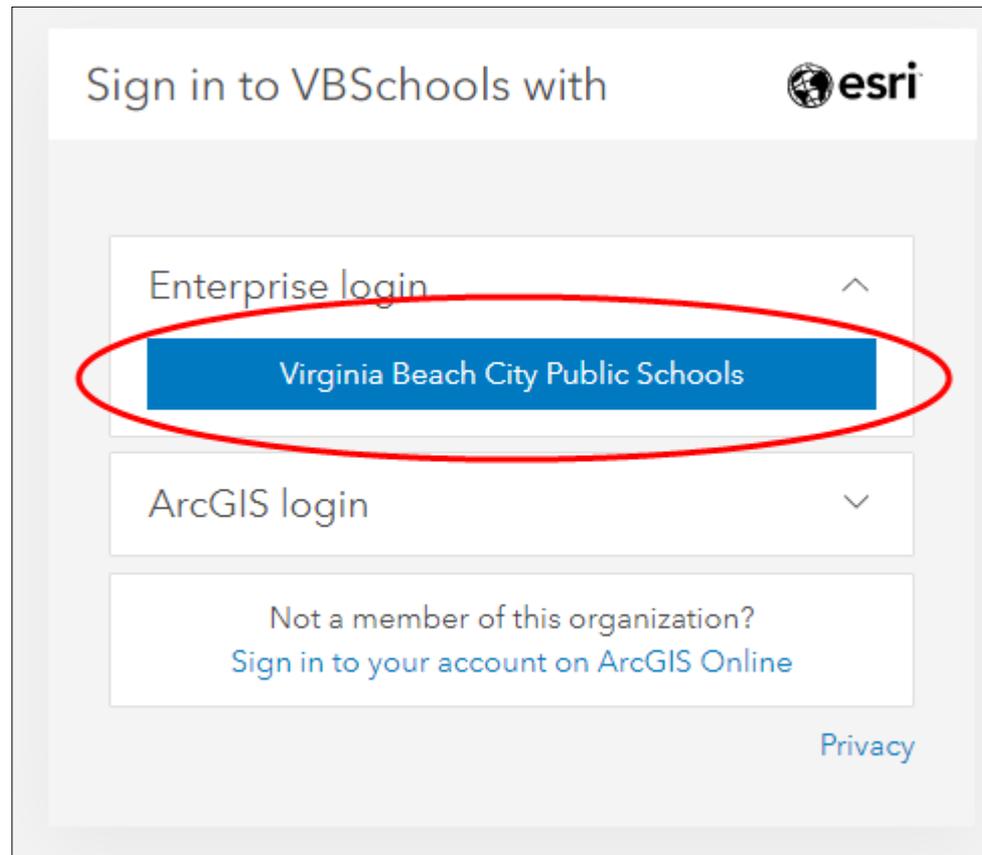
To access your VBSchools ARCGIS account, navigate to CLEVER. You can use bookmarks, or your school's website.

The image shows a screenshot of the Old Donation School website. The header features the school's logo on the left and the name "Old Donation School" on the right. Below the header is a navigation bar with links for "Home", "Parents", "Students", "Staff", and "Our School". A red circle with the number "1" is placed over the "Students" link. A dropdown menu is open under "Students", with a red circle and the number "2" over the "Student Resources" link. This dropdown menu contains several options: "Check my Grades", "Scholarship Central", "Counseling", "Library", "Email", "VBCPS Summer Camps", and "PVSA Information". A second dropdown menu is open under "Counseling", with a red circle and the number "3" over the "Clever Portal" link. A mouse cursor is pointing at the "Clever Portal" link. The background of the website features a quote by Lyena Strelkoff: "THE CHALLENGE THAT WE FACE IS TO BECOME MORE THAN WE'VE BECOME" - LYENA STRELKOFF.

Under Division Supported Resources,
Click the ARCGIS icon.

The screenshot shows the Clever portal interface for Virginia Beach City Public Schools. The top navigation bar includes the Clever logo, the school name, a search bar, and a portal menu with notification and user icons. The main content area features a 'Division Supported Resources' section, indicated by a red arrow. This section contains several resource icons: Achieve3000, Adobe Spark, ArcGIS (circled in red), Learning Hub, and CommonLit. On the left side, there are sections for 'Favorite resources' and 'VBCPS Resource Support'.

Click the blue Virginia Beach City Public Schools button. If using a VBSSchools device, you will be automatically logged in.



Sign in to VBSchools with 

Enterprise login 

Virginia Beach City Public Schools

ArcGIS login 

Not a member of this organization?
[Sign in to your account on ArcGIS Online](#)

[Privacy](#)

Managing Users

Must be logged into the org to save “stuff.”

Groups manage students.

Can be in more than one group.

Groups, My Organization's Groups, search for Workshop group > Overview Tab> Join this Group >Request

[Link to Group Content:
https://arcg.is/1O4e8v](https://arcg.is/1O4e8v)

Finding Student Work

Create a group and invite your students to join.

Add tags to specific assignments and search from the home page

HribarBell3

Deleting student work from the group does **not** delete it from the org or his or her student account.

Goals for Today

Explore a GeoInquiry

Retrieve a GeoInquiry Student Worksheet

Save a GeoInquiry Map

Capture the map id

Create a presentation from the map

Search and retrieve images from the web

Add images to a map via Map Notes

Investigate the New Story Maps

Creating a Presentation

Presentation is attached to the map.

Has its unique URL that can be found My Content.

If an item is not shared, you are the only one who is able to view it.

Sharing

Sharing makes maps and apps available to others

Group—your school or class

Organization— Anyone in the org can view

Others can open and save your maps to their account

Everyone —final products, others outside the organization (share long URL to map, no log in required)

The New Story Maps

Advantage—more adaptable to phone and other devices.

One web page

Integrates new web technology.

Work in progress more functionality to be added over time .

Scripted Story Map with focus on the tools

Automatic saving. Publish and share.

Annotating

Add > search for layers >usphysical2 by gchribar_norfolkps, in arcgis online

1. Save map.
2. Add Map Notes layer.
3. Search for a place.
4. Find a suitable Internet-based image (jpeg, png, gif).
5. Google images are good, most copyright free. Library of Congress
6. Obtain the image address (URL) to the image.
7. Trigger the editor. Place (not drag) a pin to the location.
8. Title, Paste the image address on first line, write information.
9. Close attaches the information to the map.
10. Test the image (turn off the editor)
11. Save the map.
12. Share the map.
13. [Sample map](#)

Resources

MapsRUS <https://sites.wp.odu.edu/mapsrus>

Virginia Geographic Alliance Website <https://vga.maps.arcgis.com>

Maps for Geographers App (link Madeira portal)

[Learn](#) GIS lessons

[Teach](#) with GIS

[ArcGIS Book](#) and the [Instructional Guide for ArcGIS](#).

The [ArcGIS Imagery Book](#) and its [Instructional Guide](#)

VGA Webinars (see list next page)

Help? cgchribar@gmail.com or ghribar@odu.edu

Upcoming VGA Webinars

December 5, Tips for Creating Quality Story Maps

January 9, Tips for Creating Quality Web Apps

January 30, Using Analysis Tools

February 20, Participant Driven Questions Galore and More

VGA/ESRI Story Map Competition URL: <https://bit.ly/31BXNyw>

Help, questions? gchribar@gmail.com or ghribar@odu.edu