

GIS for YOU Resources

Three types of GIS Software Tools:

- Online Mapping – all you need is a web browser
 - Sketch-A-Map <http://edcommunity.esri.com/maps/sketchAMap2/index.html>
 - Mapping for Everyone
 - http://www.esri.com/software/mapping_for_everyone/index.html
 - <http://edcommunity.esri.com/software/webmapping/>
 - <http://edcommunity.esri.com/maps/index.cfm>
 - Map Maker at National Atlas <http://www.nationalatlas.gov>
- Virtual Globes – free software
 - *Google Earth*
 - <http://earth.google.com>
 - *ArcGIS Explorer (AGX)*
 - <http://edcommunity.esri.com> *
- Desktop GIS
 - *ArcExplorer Java Edition for Education (AEJEE)* Free, Mac or PC*
 - *ArcGIS**
 - *My World GIS*
 - <http://www.myworldgis.org>

Foreign Language & Religion

- Around the World in 80 Days
 - http://bbs.keyhole.com/ubb/ubbthreads.php?ubb=showflat&Number=156427&site_id=1#import
- Google Earth Lessons
 - <http://www.gelessons.com>
- Religions Data
 - <http://thearda.com/DemographicMap/>

English

- Twain's Travels
 - <http://edcommunity.esri.com/arclessons/lesson.cfm?id=284>
- Shakespeare
 - Globe Theatre in Google Sketch Up
 - <http://sketchup.google.com/3dwarehouse/>
 - Macbeth
 - <http://www.googlelittrips.com> **
- The Watson's Go to Birmingham- 1963
 - <http://edcommunity.esri.com/arclessons/lesson.cfm?id=453>
- Slave Dancer **
- Cross Curricular Baseball Unit***
- Journey to the Ganges***

Math

- Census Blocks
 - <http://serverapps.esri.com/CensusStats/CensusStats.html>
- Measuring the Earth
 - <http://edcommunity.esri.com/arclessons/lesson.cfm?id=315>
- Coordinates
 - <http://edcommunity.esri.com/arclessons/lesson.cfm?id=252>
- Map Calculus Info: <http://www.informaworld.com/smpp/content~db=all~content=a713599836>

Social Studies

- Nationmaster
 - <http://www.nationmaster.com>
- Statemaster
 - <http://www.statemaster.com>
- GIS for History
 - <http://www.gisforhistory.com>
- GIS Lessons from The Virginia Experiment
 - <http://www.virginiaexperiment.com> (click Y2 GIS projects)
- Environment Issues on Population
 - <http://serverx.esri.com/arcgisjavascriptapi/codegallery/EarthquakePopulation.html>

Health and PE

- Dr. Snow's Cholera Map (STEM)
- Global Flu Trends
 - <http://www.google.org/flutrends/>
- Survival Agriculture
 - <http://www.isat.jmu.edu/stem/curriculum.html>
- Sports
 - <http://edcommunity.esri.com/arclessons/lesson.cfm?id=334>

Science

- STEM
 - Blog entries
 - <http://blogs.esri.com/Info/blogs/gisedcom/archive/tags/STEM/default.aspx>
 - Lesson Collection
 - <http://www.isat.jmu.edu/stem/> (STEM)
- Earth Science –
 - Aquifers (STEM)
 - Surface Profiles
 - <http://serverx.esri.com/arcgisjavascriptapi/codegallery/SurfaceProfile.html>
- Biology -Bat habitats (STEM)
- Chemistry - Energy Consumption (STEM)
- Spatial Awareness - <http://learn.genetics.utah.edu/content/begin/cells/scale/>
- *The Elements: A Visual Exploration of Every Known Atom in the Universe* by Theodore Gray

Community Service – Hurricane Investigations and Preparations

- Disasters (STEM)
- <http://edcommunity.esri.com/arclessons/lesson.cfm?id=299>
- <http://coastal.er.usgs.gov/hurricanes/katrina/>

GIS Lessons

- GIS in Education Community at ESRI
 - <http://edcommunity.esri.com>
- ArcLessons
 - <http://www.esri.com/arclessons>
- National Center for Rural STEM Education Outreach – Geospatial Technology(STEM)
 - <http://www.isat.jmu.edu/stem/>
- Barbaree Duke
 - <http://www.barbareeduke.com/downloads/downloads.htm>
- The Virginia Experiment
 - <http://www.virginiaexperiment.com>
- Google Earth Lessons
 - <http://www.gelessons.com>