Unlocking the Puzzle Box of Free On-line GIS

Will Davis, GISP & Harry Fix, AICP
Lake County Schools

LCS LAKE COUNTY SCHOOLS

Where's Waldo?

What is your level of GIS knowledge?

Aa Have only heard of it in passing

Bb Seen others use it before

Cc Have a basic working knowledge

Dd Have a good working knowledge

Ee I consider myself an expert

Organizational Level's use of GIS?

Aa Not sure

Bb Planning & Student Assignment

Cc Transportation & Student Routing

Dd Planning & Transportation Departments

Ee Other Additional Departments

Importance of Public Transparency?

Aa It only gets in the way of doing our job

Bb We provide the Press what they ask for

Cc We do Just enough to make a show

Dd We hold public workshops & meetings

Ee We involve all stakeholders in the process

What is this ArcGIS Online?

- Cloud-based system
  - Creating and sharing maps and geographic information
- Upload and style geographic data
- Create intelligent web maps
- Author maps on any device
  - Tables
  - Smart Phones
  - Desktops
- Limited Service is "FREE"

What else can ArcGIS Online do?

- Embed Maps
    - Websites
    - Blogs
    - Applications
- Share content
    - Everyone
    - Specific groups
    - Keep completely private

What can ArcGIS Online do for you?

- Provides for a
  - Framework for collaboration
    - Departmental
    - Organization
    - Stakeholders
    - Public
  - Platform to build applications
  - Means to deliver transparency & accountability
  - Way to communicate & enhance policy making

How ArcGIS Online Integrates the Parts

Students, Facilities or Addresses

Transportation Zones

Streets & Bus Routes

School Attendance or Student Analysis Zones

Tax Parcels, Facility or District Ownership

Aerial Photography

Reality

LCS
LAKE
COUNTY
SCHOOLS
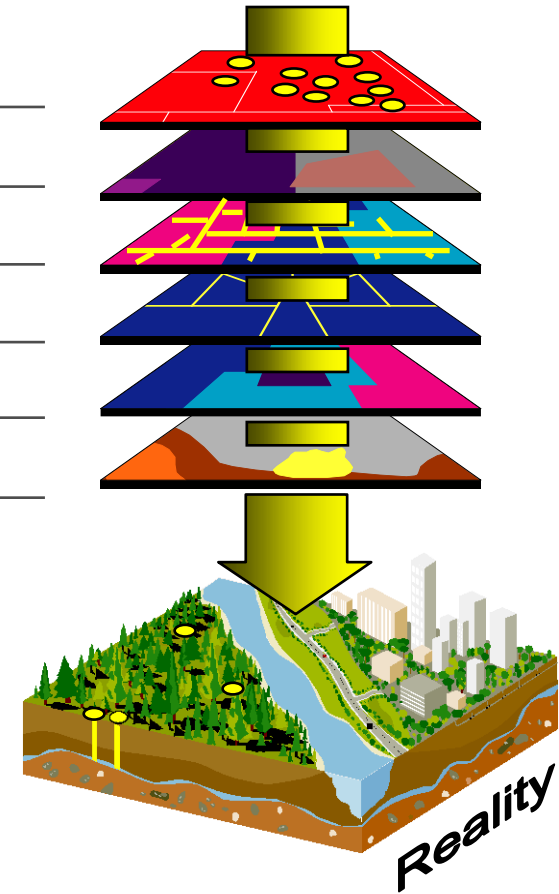
How Does the Lake District Use It

New Board Member District Maps

Florida Unweighted FTE Assignments
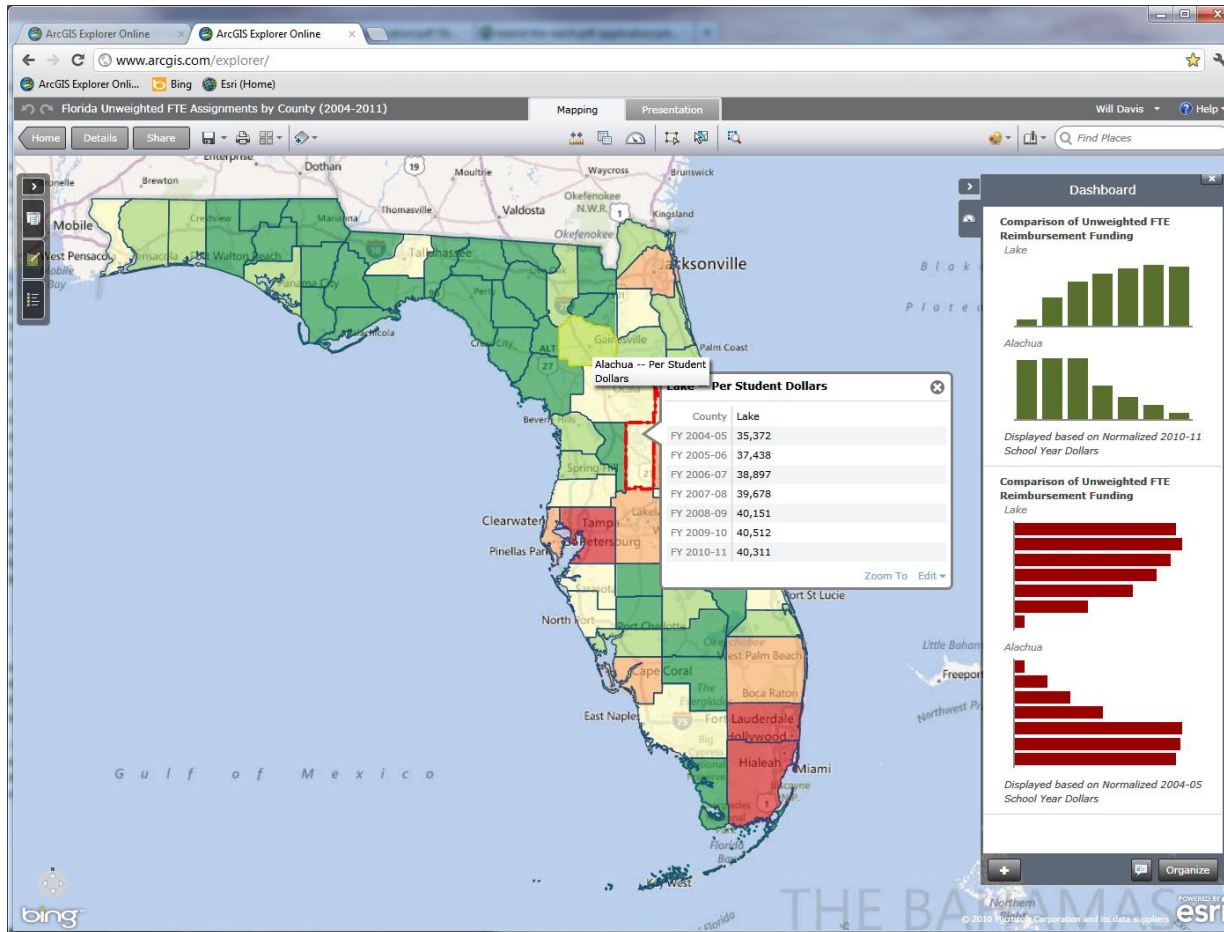
Board Member Redistricting Options
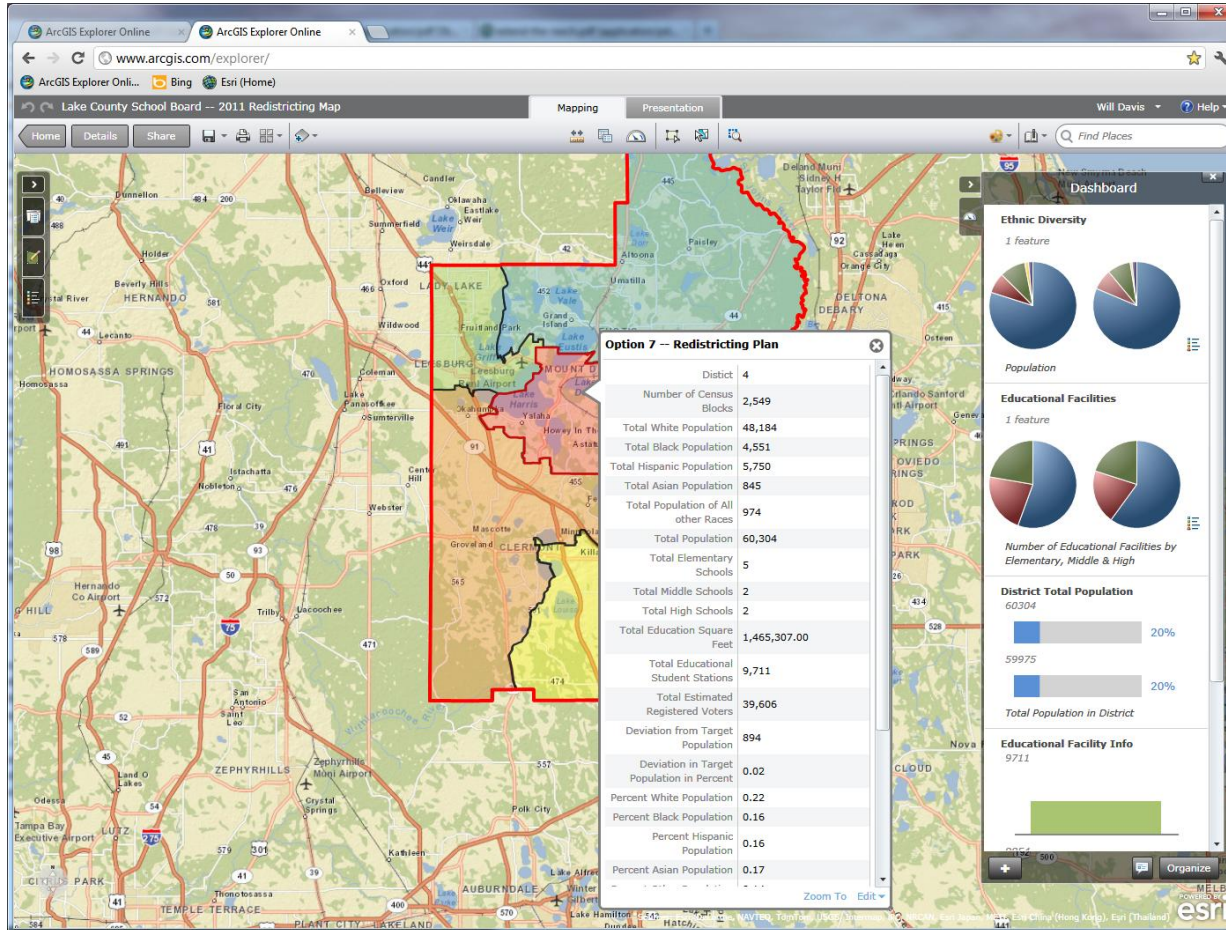
VPK Readiness Participants
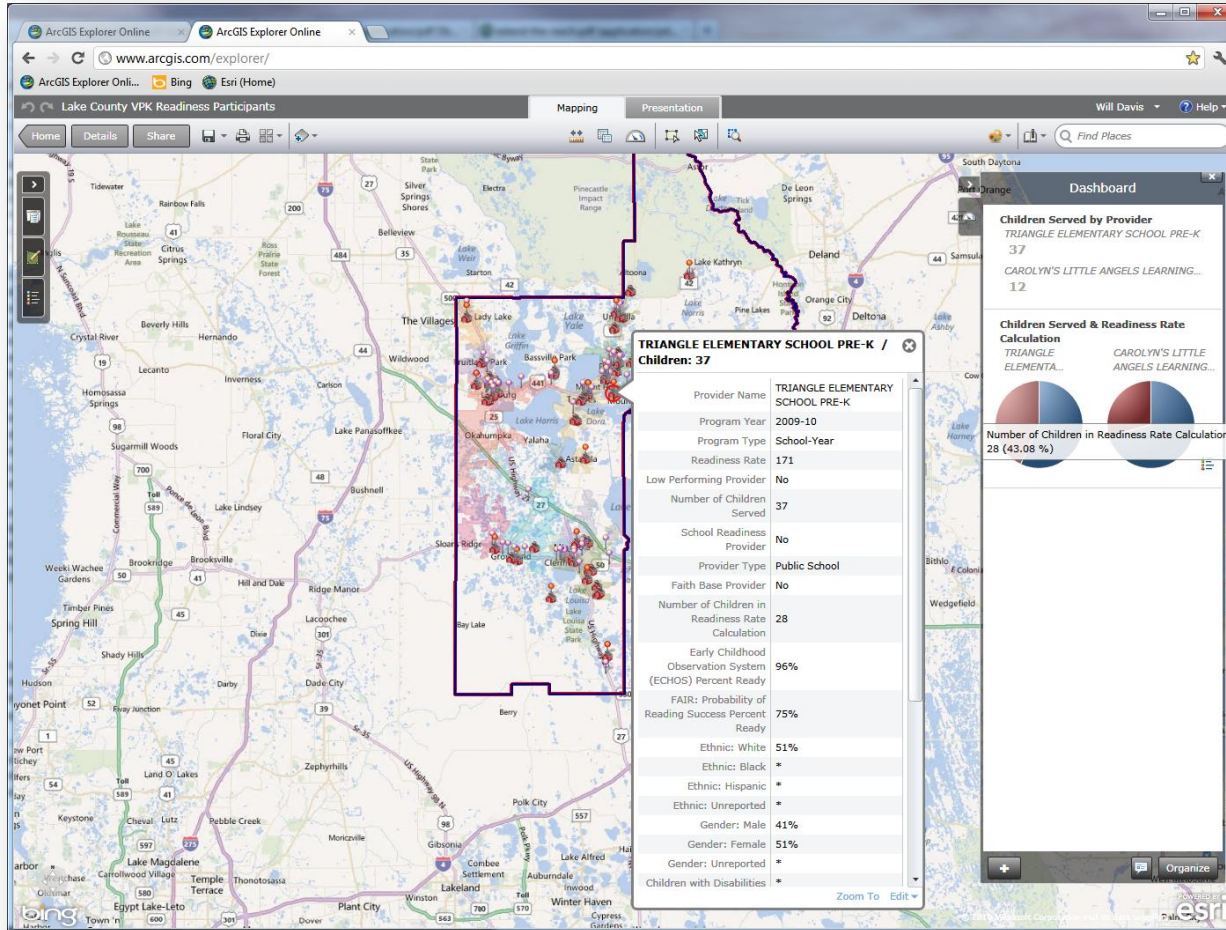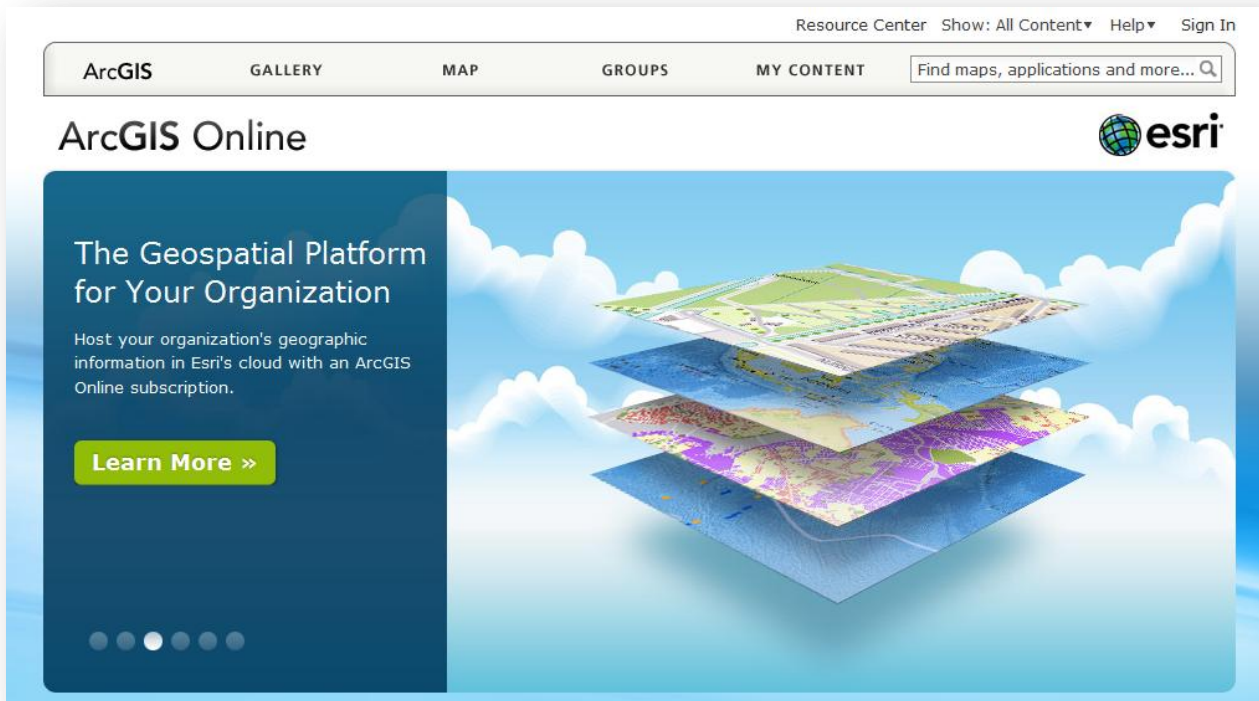
Attendance & Transportation Zones
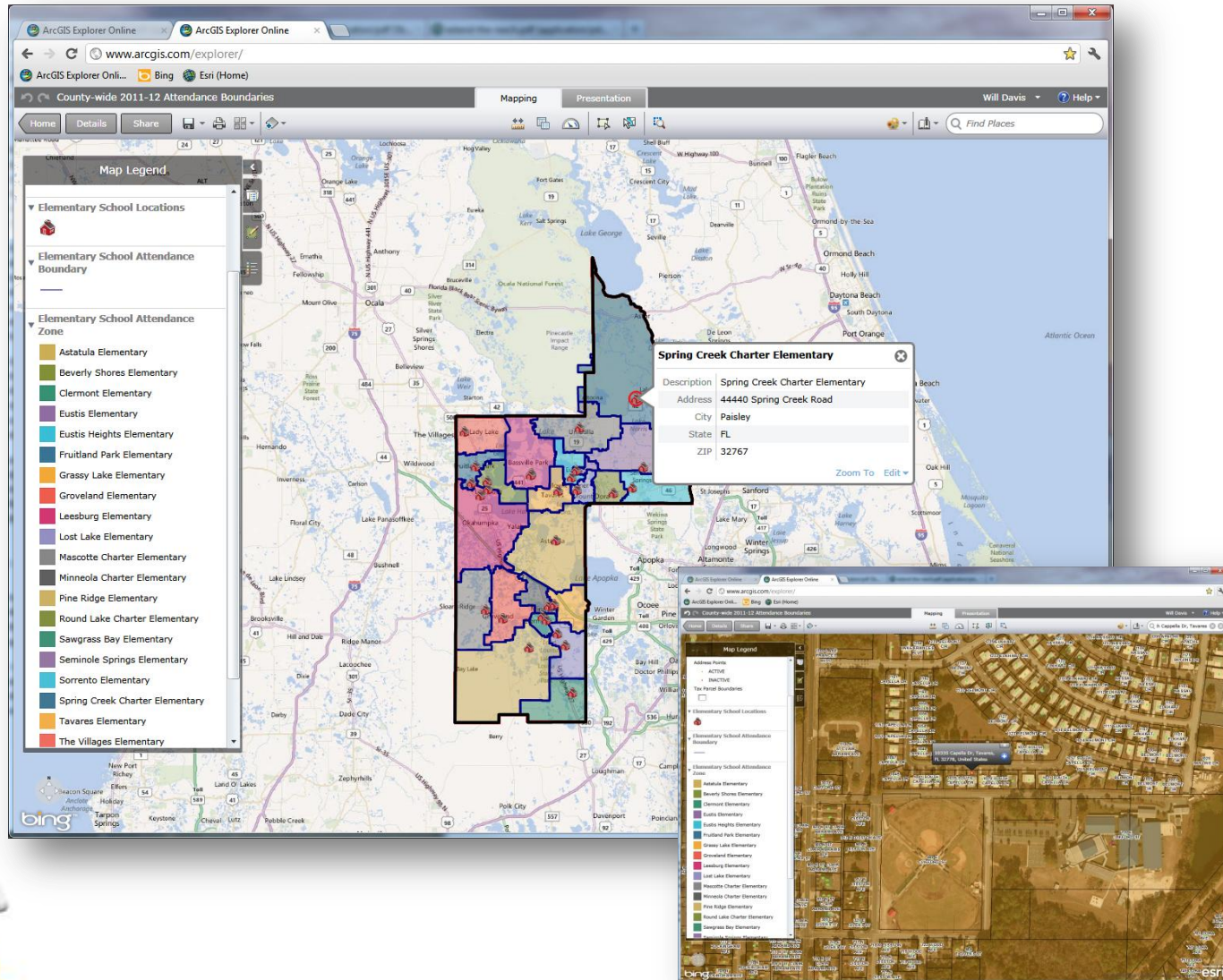
Gaining Access to ArcGIS Online

Type in http://www.arcgis.com on your browser

Sign-up for a ArcGIS Online Account
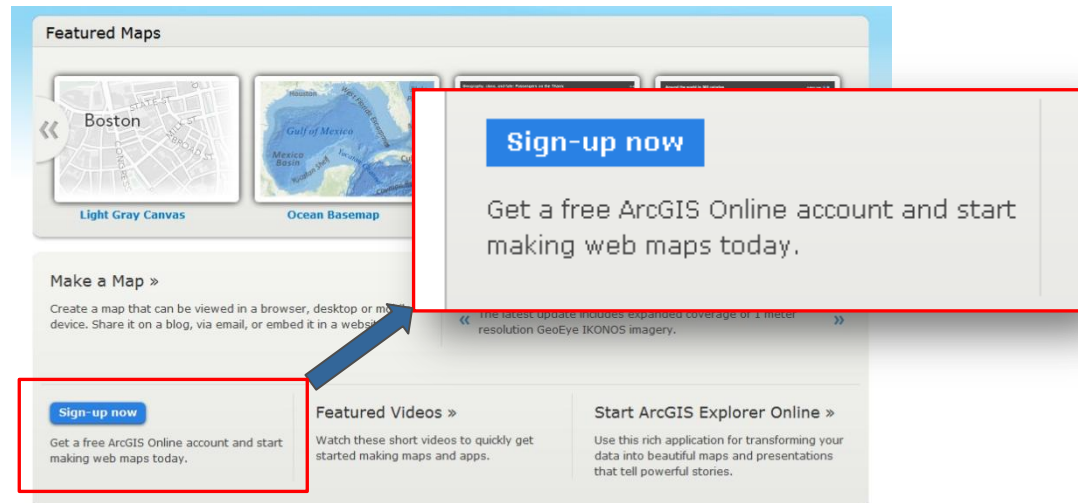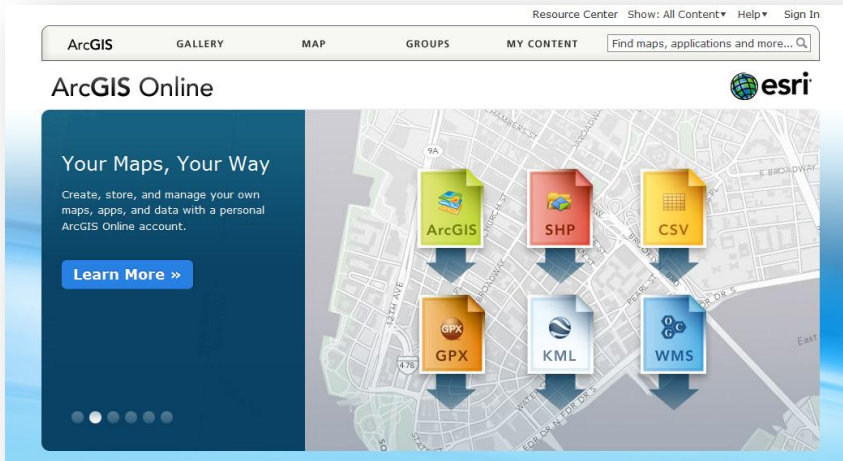
Create an ArcGIS Online Account

Complete form for an Account

Create A New Account

Complete the form below to create an account.

Username	
Password	
Confirm Password	

User names are **6** to **24** characters in length. Passwords are **4** to **14** characters in length. Use letters and numbers only for both fields.

First Name	
Last Name	
Organization	
E-mail	
Confirm E-mail	
Phone Number	

The following question and answer will help validate your identity in the event you forget your password.
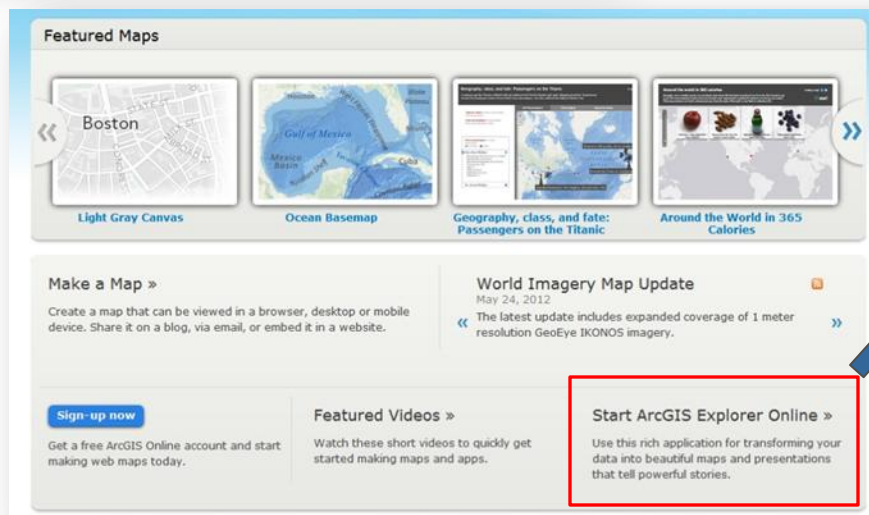
Identity Question Select a question for password recovery. ▼
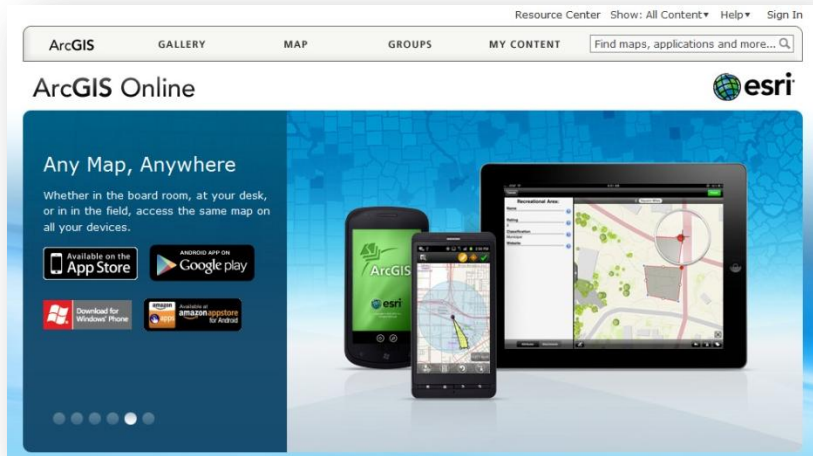
Answer

Terms of Use Review and Accept the Terms of Use

Create My Account   Cancel

Gaining Access to ArcGIS Online

Browse back to
http://www.arcgis.com

Sign-in to your new Account

Creating a New Map

Basic Map Tools

Add Data, Change base-map, Save map

Search for Places, Add bookmarks

Basic Map Tools

Measure, Queries, Edit Feature, Select Features, Zoom to Rectangle
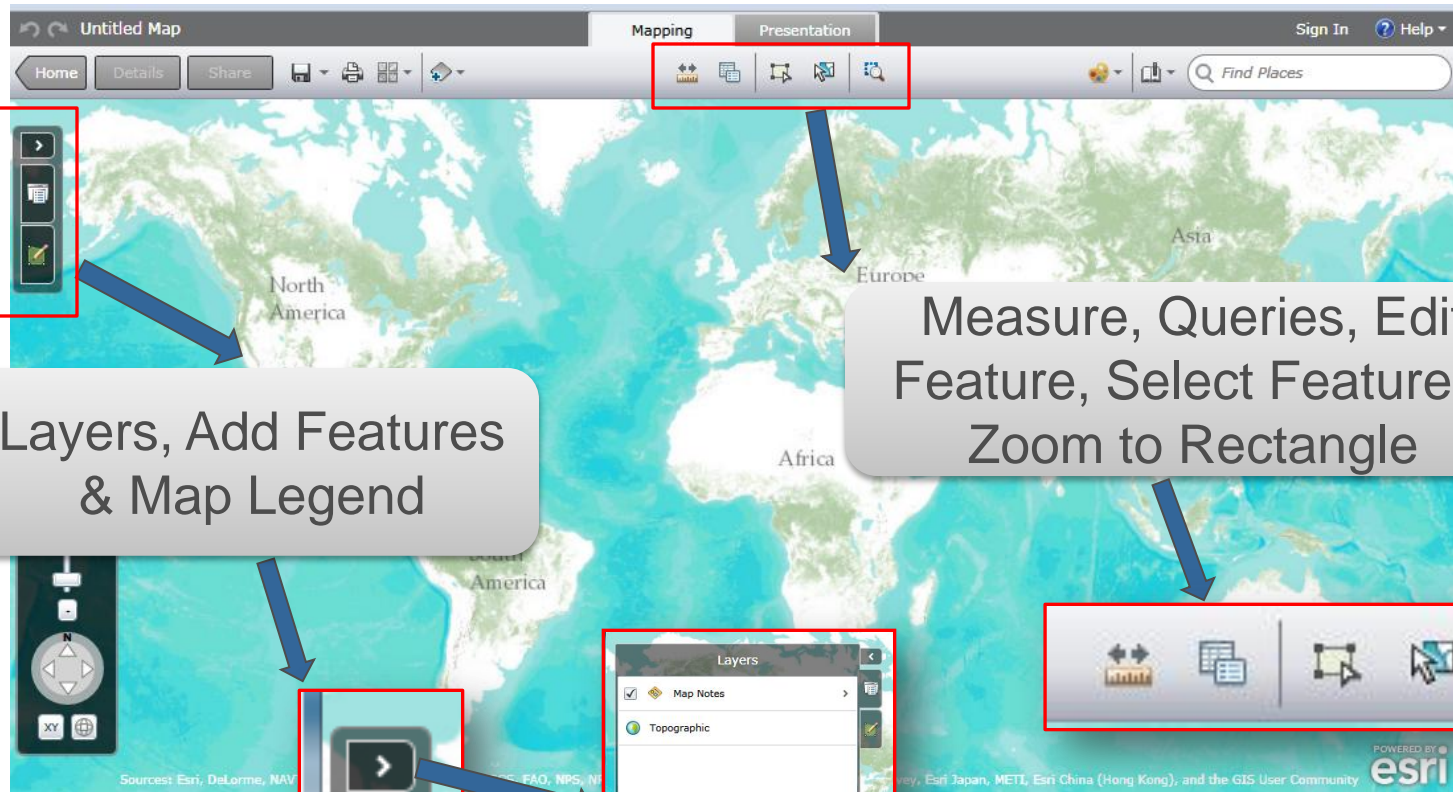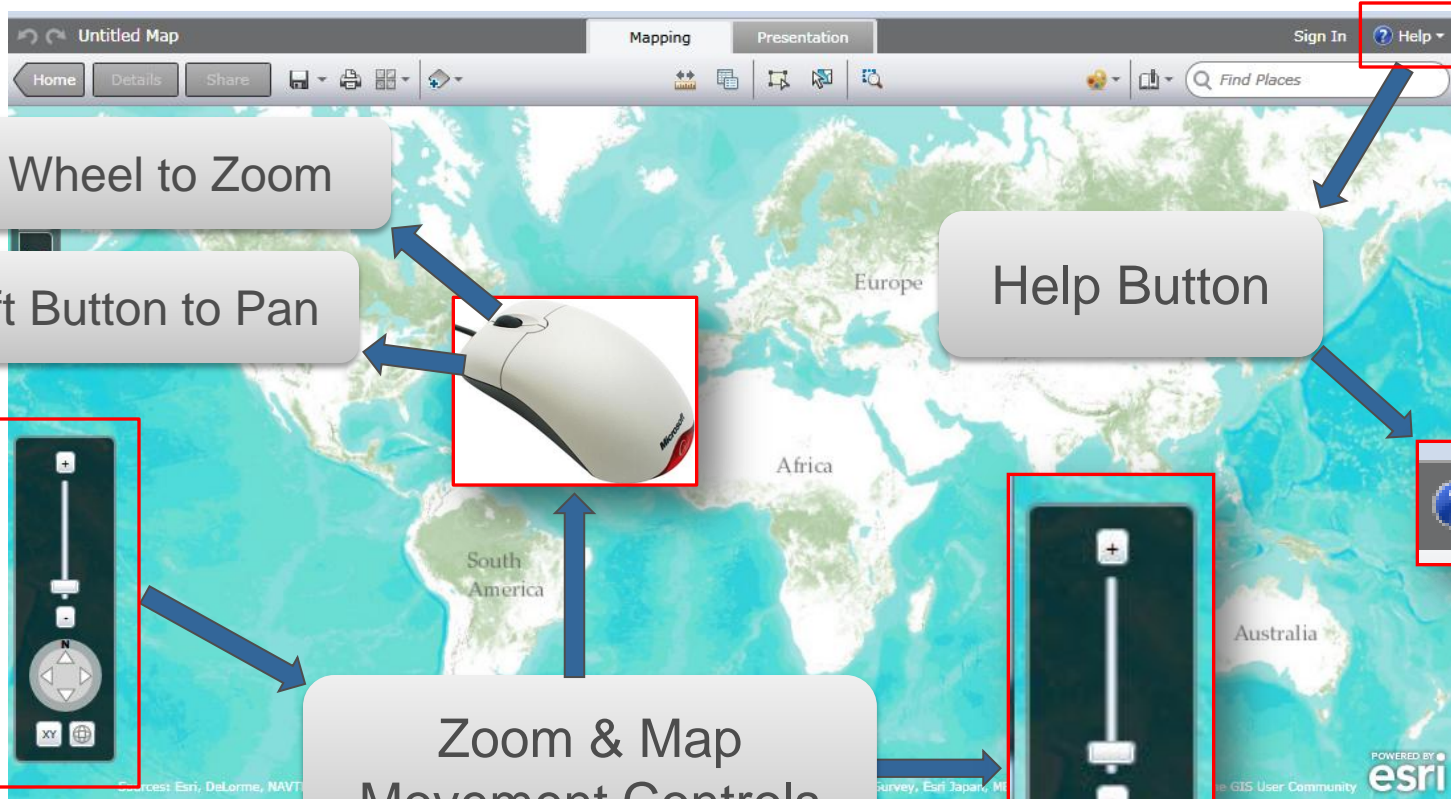
Layers, Add Features & Map Legend

Basic Map Tools

Changing the Base Map Background

Search for an Address or Place

501 East Camino Real, Boca Raton, FL

Search for an Address or Place
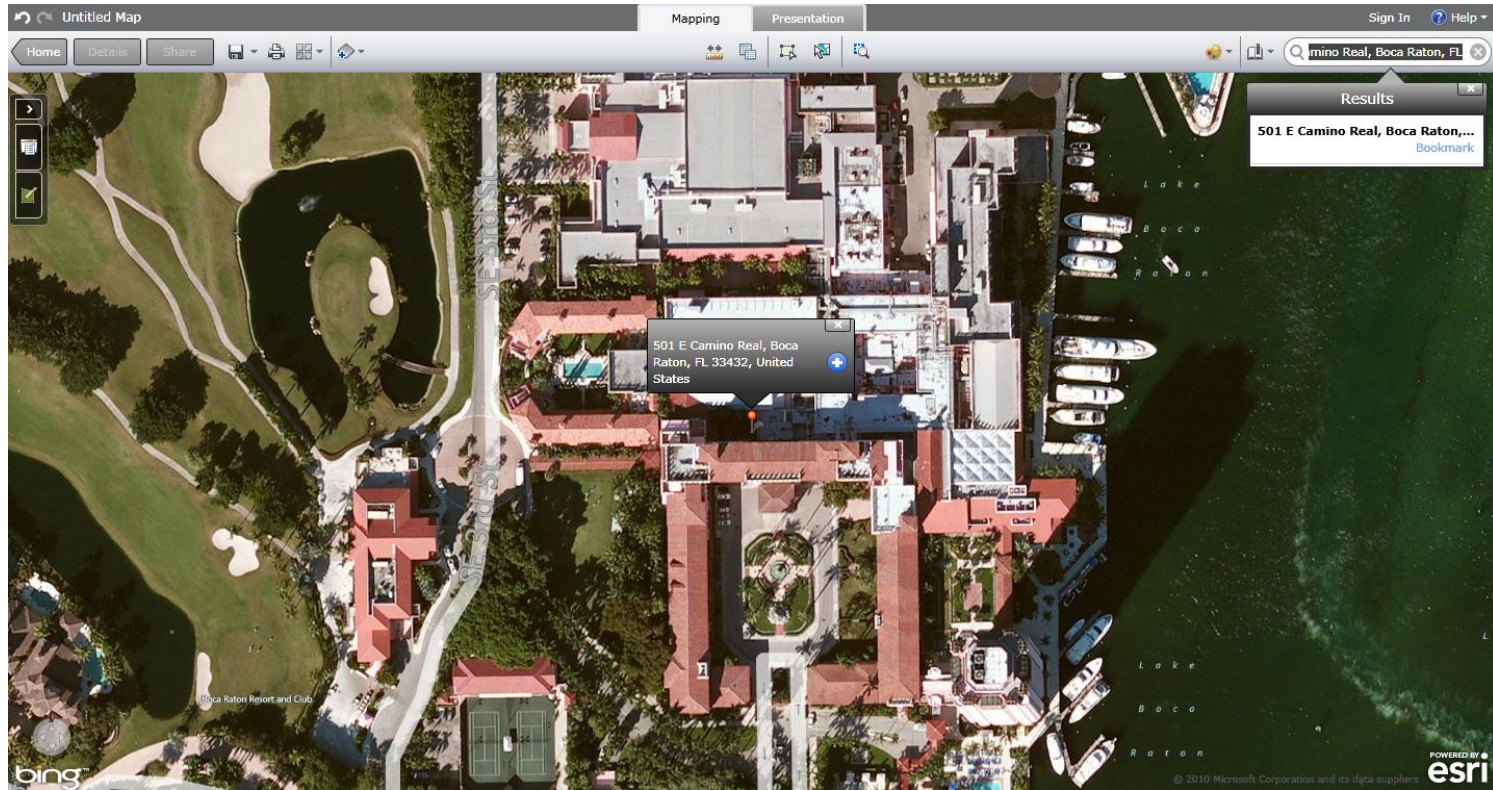
Search for Online Content

Working Exercise – Add CSV File

http://gis-mapsvr.lake.k12.fl.us/Maps/Presentations/FacilitiesFlatFile.csv

http://bit.ly/JyV0fE
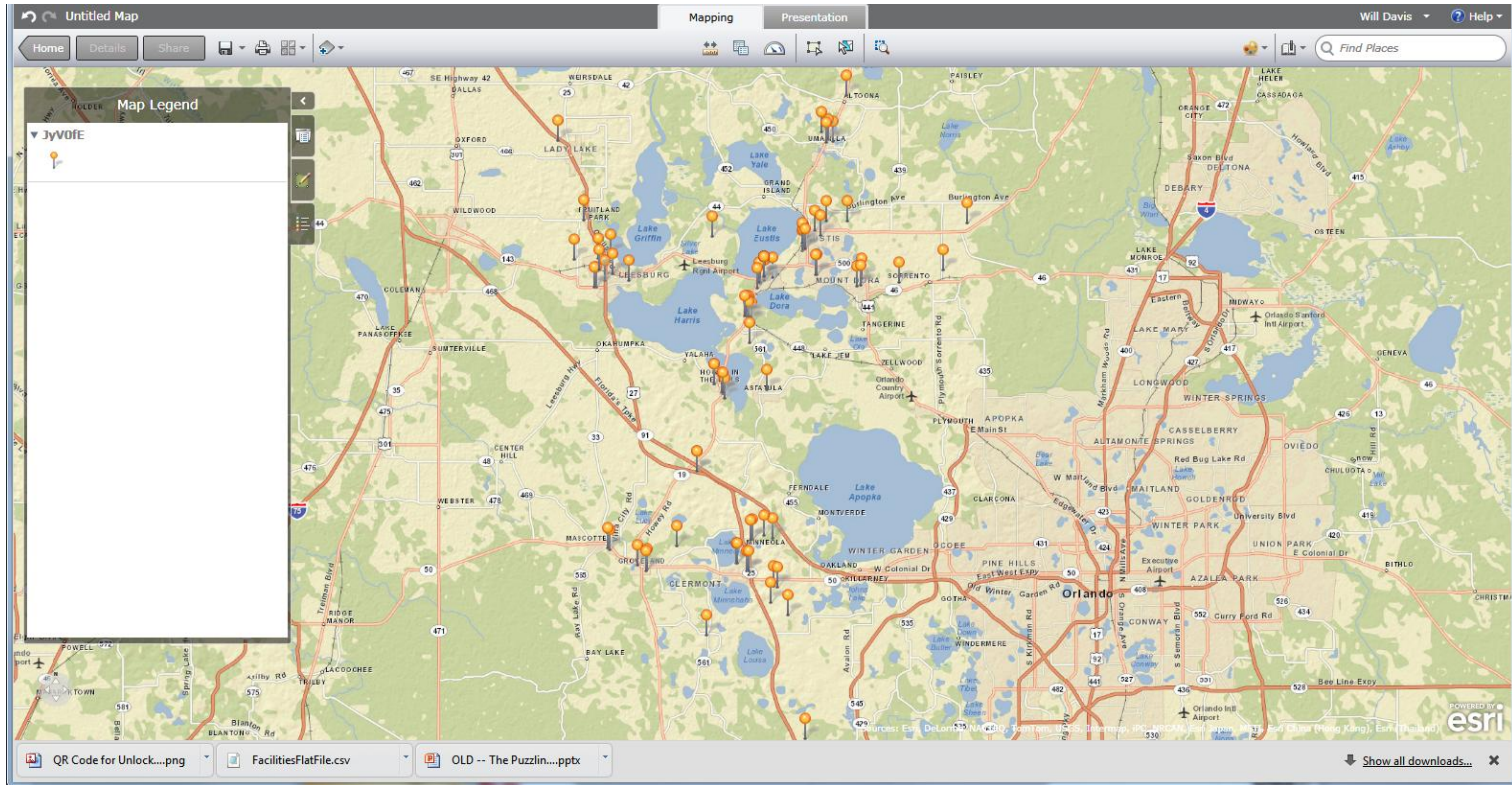
Working Exercise – Add ShapeFile

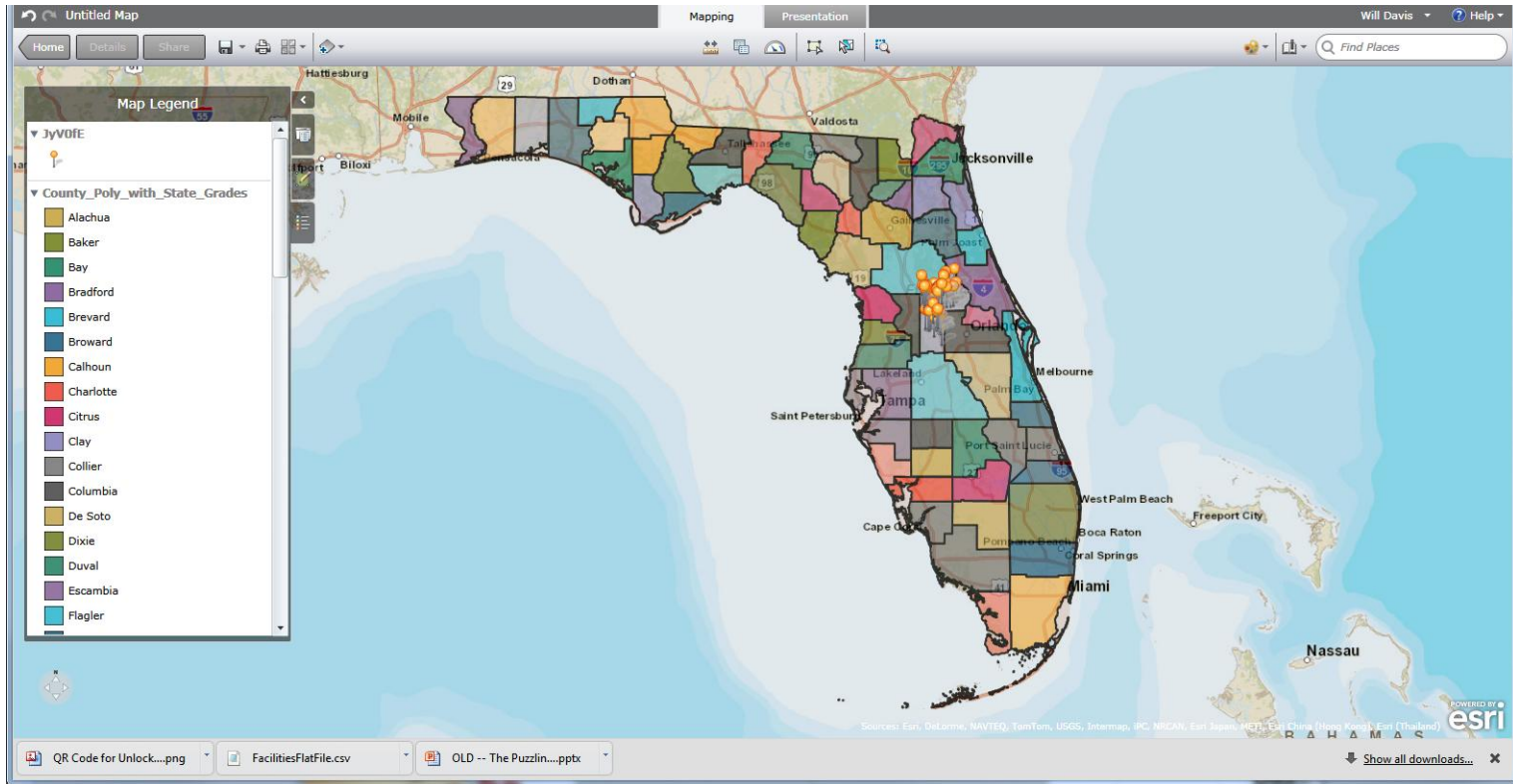http://gis-mapsvr.lake.k12.fl.us/Maps/Presentations/County_Poly_with_State_Grades.zip

http://bit.ly/NUg2l3

Is ArcGIS Online for me?

Aa It doesn't seem to have any use for me

Bb I like it but it's beyond my level of expertise

Cc I'll be glad to share it with my GIS/IT staff

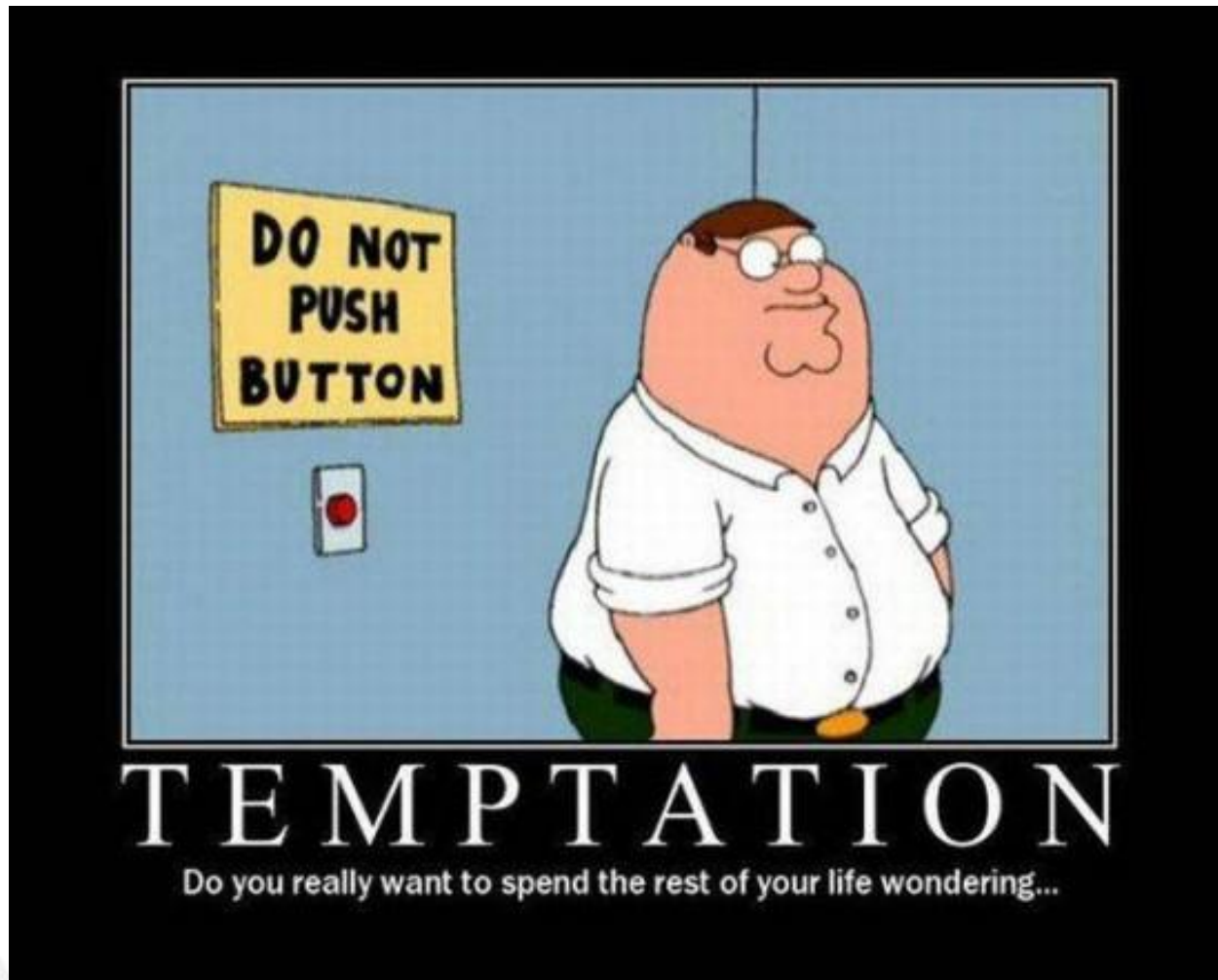**Dd** I see some utility in my own organization

Ee I see a need and I'm ready to start using it

Presentation Takeaway

Questions

Contact & Presentation Information
Will Davis – DavisW@lake.k12.fl.us
http://bit.ly/NeCQPK

QR Code to Download PDF Version of Presentation