

Collaborative Mapping

Students can research and enter data on the same class map via an editable feature service. Sample <http://vga.maps.arcgis.com/home/webmap/viewer.html?webmap=c81c3744fb8241cbaec6b547e61d143c>

1. Set up a spreadsheet with the fields that you want students to use for data entry.
 - No spaces in the header names. Make the field names professional & presentable.
 - Be sure to have a location field, preferably lat, long
 - Save the spread sheet as a .csv.
 - Enter some “dummy” information, which can be deleted after the feature service is added to a map.

Field know-how
String = words
Integer = number
Small integer
Single
Double = number with decimals

2. Publish the spreadsheet.
3. Log into org account.
 - My Content, Add Item. Fill out tags, etc.
 - Make sure Locate features by addresses or places is checked.
 - Make sure location fields are set, e.g., city, state.
 - Numbers? Make sure Field Type type is not String.
 - Click Add Item and publishing begins.
 - Choose NO.

Review Locations



0 of 0 locations were matched.

Do you want to review the matched locations?

Yes

No

4. Document the feature service. (title, tags)
5. Customize the feature service.

- Share with everyone.
- Settings Tab
- Delete protection a good idea.
- Feature Layer (hosted) Settings.
- Check Enable editing; more options appear.
- Export data—yes for a spreadsheet export that could be saved and added to another map.

6. SAVE.

7. Adding feature service to a map.

- Back to Overview Tab.
- Open in Map Viewer dragdown-Add to new Map.
- Center the map on the region of interest.
- Use Change Style to change the symbol. Be sure it is set on location only.
- Save the Map—blank as it may be. Fill out tags, etc.
- Share the map with everyone. Provide the URL to the users.

8. Test it out

- Click Edit.
- DELETE.
- Click the Edit pencil. Add a new pin. You can add an image to the pop-up.

The map that collected the data is fully filterable and can be symbolized to show a specific attribute. The map will automatically update as new data are added.

Editing

☒ Enable editing.

☐ Keep track of created and updated features.

☐ Keep track of who created and last updated features.

☐ Enable Sync (disconnected editing with synchronization).

• Who can edit features?

Share the layer to specific groups of people, the organization or publicly via the Share button on the Overview tab. This layer is not shared.

• What kind of editing is allowed?

☒ Add, update, and delete features

☐ Only update feature attributes

☐ Only add new features

• What features can editors see?

☒ Editors can see all features

☐ Editors can only see their own features (requires tracking)

☐ Editors can't see any features, even those they add

• What features can editors edit?

☒ Editors can edit all features

☐ Editors can only edit their own features (requires tracking)

• What access do anonymous editors (not signed in) have?

☒ The same as signed in editors

☐ Only add new features, if allowed above (requires tracking)

• Who can manage edits?

• You

• Administrators

• Data curators with the appropriate privileges