

Map That Recipe (v.2023.06) (DIRECTIONS ON PAGE 3)

- 1) Using your [research document](#) complete this survey for each ingredient.

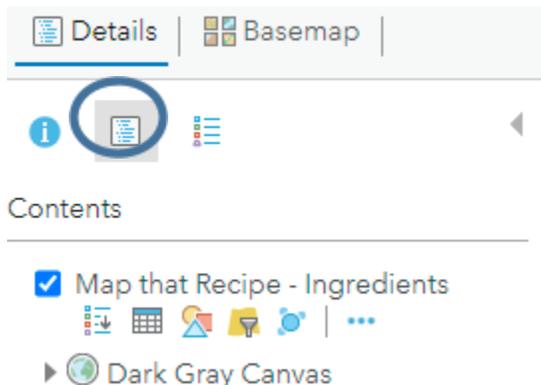
Survey Link - <https://arcg.is/0uC5WC>

- 2) Once you have entered your data go to and open this map

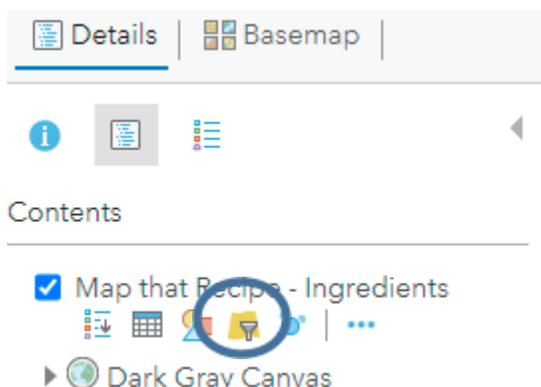
<https://arcg.is/08DTfz>

3. Filter your map based on your initials. To do this:

Click on Show Contents



Click on the Filter Icon



Filter the data by your initials (see example below) and then click “Apply Filter”

Filter: Map that Recipe - Ingredients

Create

[+ Add another expression](#) [Add a set](#)

Display features in the layer that match the following expression

Initials is JCB

Value Field Unique

Ask for values

[APPLY FILTER](#) [APPLY FILTER AND ZOOM TO](#) [CLOSE](#)

Consider the geography of your recipe.

What patterns do you notice?

Does anything surprise you?

What did you learn about the geography food that you did not know before this activity? How does this map connect history, geography, and culture?

Steps on how to create this activity for your classroom.

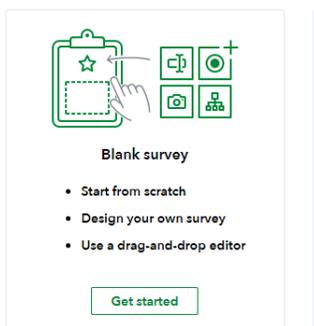
CREATE A SURVEY using Survey123.

1. Go to www.survey123.arcgis.com
2. Sign in using your AGO credentials
3. In the top left corner click on **+New Survey -> Blank Survey -> Get Started**

ArcGIS Survey123 - My Surveys Organization Hel

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USING THE WEB DESIGNER



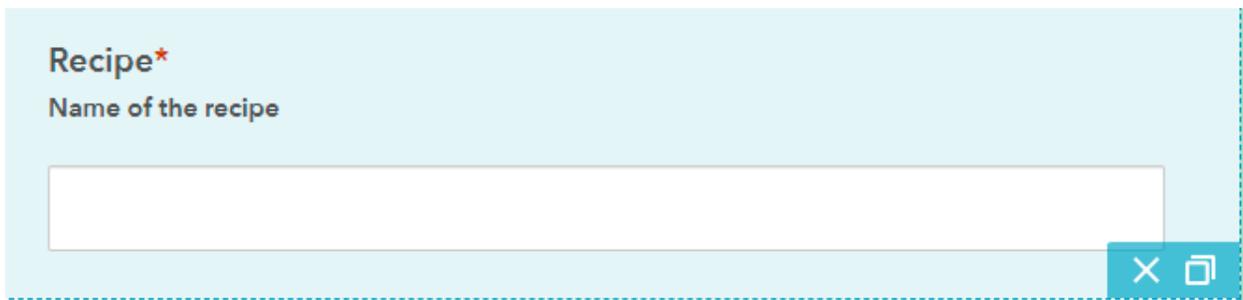
4. Add a Single Line Text Question with the following settings:
 - Label: Initials
 - Hint: Enter your Initials
 - Validation: Required Question
 - Set Maximum Count to 5 characters

Your first question should look like the image below.

The screenshot shows a single-line text question in a Survey123 form. The question is titled 'Initials*' and has a hint that says 'Enter your Initials'. Below the hint is a text input field. Underneath the input field, there is a validation message: 'Please input 5 characters at most'. In the bottom right corner of the question area, there are icons for closing (X) and copying. Below the question area is a green 'Submit' button.

5. Add another Single Line Question.
 - Recipe
 - Hint: Name of recipe
 - Validation: Required Question
 - **Do not** create a character limit.

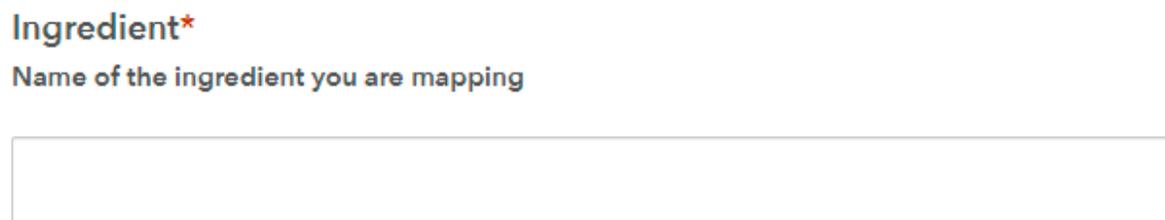
Your second question should look like the image below.



The image shows a light blue question editor interface. At the top, the text 'Recipe*' is displayed in a bold, dark blue font. Below it, the label 'Name of the recipe' is shown in a smaller, dark blue font. A large, empty white text input field is positioned below the label. In the bottom right corner of the editor, there are two small, light blue icons: a square with an 'X' and a square with a copy symbol.

6. Add another Single Line Question.
 - Ingredient
 - Hint: Name of the ingredient you are mapping
 - Validation: Required Question
 - **Do not** create a character limit.

Your third question should look like the image below.



The image shows a light blue question editor interface. At the top, the text 'Ingredient*' is displayed in a bold, dark blue font. Below it, the label 'Name of the ingredient you are mapping' is shown in a smaller, dark blue font. A large, empty white text input field is positioned below the label.

7. Add a Single Choice Question.
 - Label: Which World?
 - Hint: Is the recipe a New World or Old World ingredient?
 - Create the following choices for students to select:
 - Old
 - New

Your fourth question should like like the image below:

Which World?*

Is the ingredient hearth in the old or new world?

Old

New

8. Add a Map Question

- Label: Mapped Location
- Hint: Place a point on the map to correspond with the hearth of this ingredient.
- Drawing Tools: Point
- Map and Extent: Change basemap to Imagery and maintain current extent.
- Validation: Required Question

Your fifth question should look like the image below.

Mapped Location*

Place a point on the map to correspond with the place you have described.



You are now ready to publish and share your survey. To do this:

1. Click on Publish -> Publish
2. Next, Select Collaborate
 - Who Can Submit to this Survey: Everyone
 - What can submitters do: Only Add New Records
 - Draft Mode: Not Enabled
 - Multiple Submission: Allow multiple submissions
 - Survey Status: Open: Accepting responses
3. Save the Settings
4. Copy the url for the Survey and share it with your students.

Part II – COLLECT DATA

Share the assignment research document and have students research the geography of a favorite recipe.

*Response times will vary based each teacher’s curriculum, pacing, and classroom realities.

Part III –CREATE A MAP CONTAINING YOUR RESULTS.

Survey123 contains an analyze results section, but I prefer to analyze the results by adding the results layer to an ArcGIS Online Map. To do this:

- Go to www.arcgis.com and sign in to your account.
- Click on Content
- Find the folder, Survey123 created for your Survey.
- Open the Folder, and take note of the feature classes created.

- Add the _stakeholder feature layer to an ArcGIS Online Map.
- Save the Map

Suggested ways to analyze student results:

1. Filter ingredients by student initials. Have students share their results with each other.
2. Create a Heat Map of the ingredients.
3. Cluster the features to look for concentrations of ingredients.
4. Create a “Map the Hearth” Survey123 and add these locations to the map. Then conduct a origin to destination analysis of individual student responses.