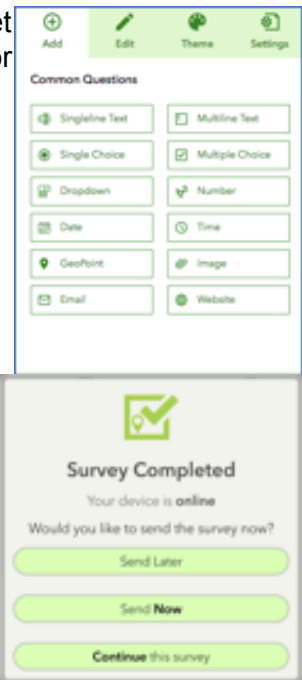


Using GIS for fieldwork – ArcGIS Online and Survey123

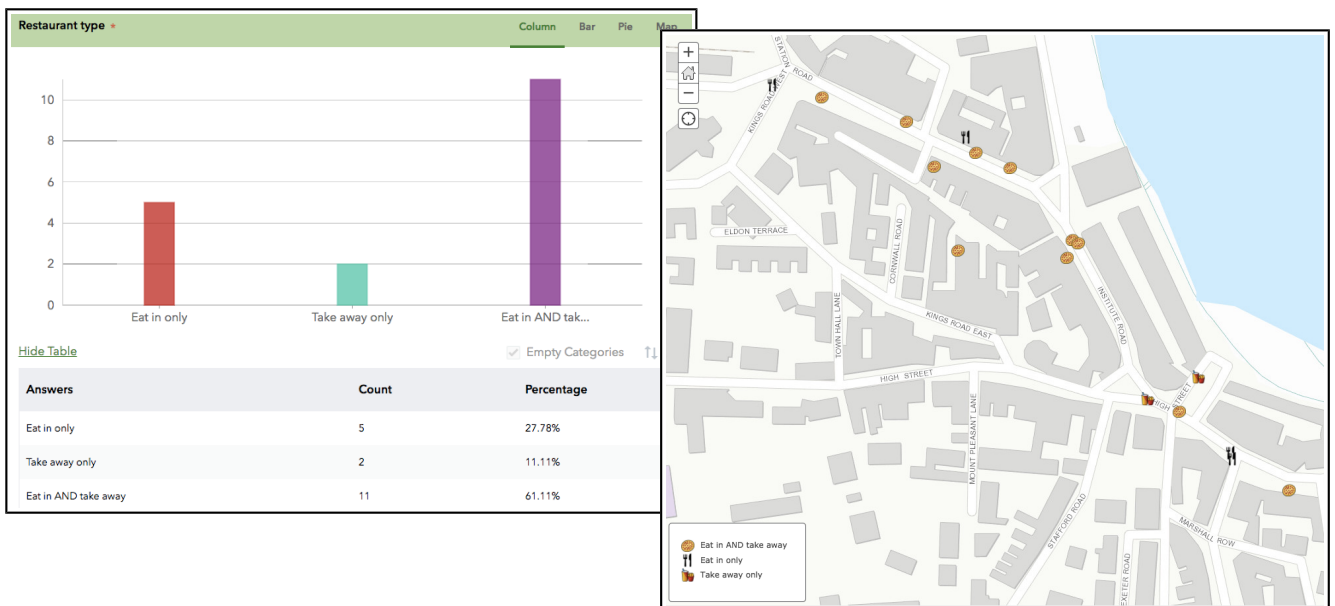
With ArcGIS Online and Survey123 from ESRI, it is possible to carry out fieldwork and data presentation quickly, leaving more time for analysis, conclusions and evaluation. This is how you do it.

1) Create a survey with drag and drop on the Survey123 web site. You set options here – text length; number formats and so on. You set the options for all of the data collection – see right. Publish the survey, and it is then available to you and students on their phones – if they have them. It can be used on tablets too and works offline.



2) Collect data by filling in fields and then save. You do not have to send the results over a mobile phone connection – they can be sent via wi-fi once back at school.

3) Chart and Map when back at school, as the uploaded survey data is immediately available once uploaded to the Survey123 website.



With the data presentation complete, there is more time available for students to carry out analysis, conclusions and evaluation.

Pros	Cons
Rapid. No data swapping. Results stored on web. No use of Excel. ArcGIS Online enables complex analysis. Teacher scrutiny of results. Multiple formats for data – images; numbers; drop down lists. Timing of data collection can be more easily coordinated.	Need for mobile devices. GPS isn't always totally accurate.