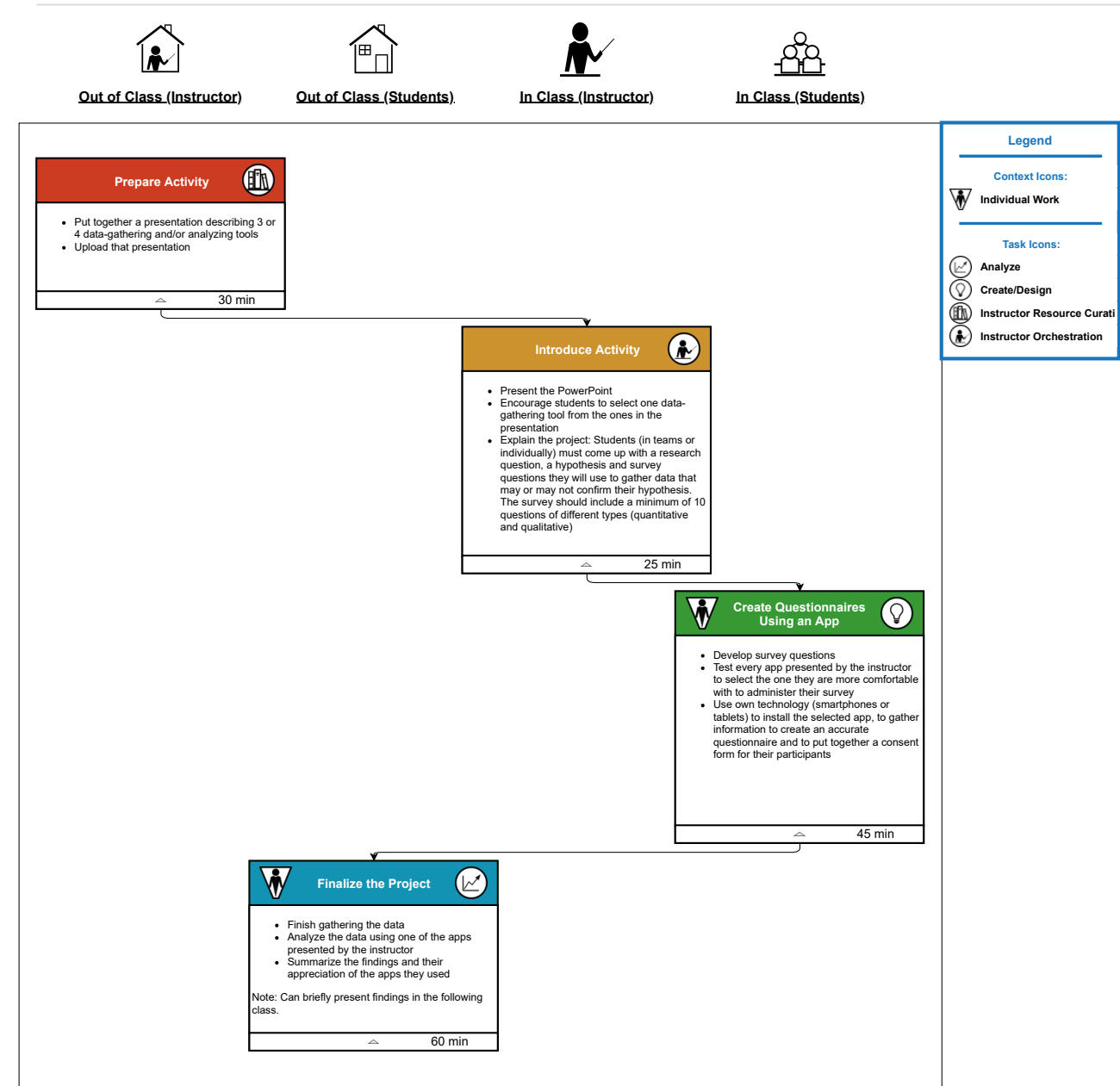


Yeas and Nays: Using Smartphones for Gathering Data

Laura King and Alex Lussier

Description:

The overall aim of this activity is to help students learn new, efficient and flexible ways to collect a variety of datasets (qualitative, quantitative, statistical)



Prepare Activity

- Put together a presentation describing 3 or 4 data-gathering and/or analyzing tools
- Upload that presentation

30 min

Introduce Activity

- Present the PowerPoint
- Encourage students to select one data-gathering tool from the ones in the presentation
- Explain the project: Students (in teams or individually) must come up with a research question, a hypothesis and survey questions they will use to gather data that may or may not confirm their hypothesis. The survey should include a minimum of 10 questions of different types (quantitative and qualitative)

25 min

Create Questionnaires Using an App

- Develop survey questions
- Test every app presented by the instructor to select the one they are more comfortable with to administer their survey
- Use own technology (smartphones or tablets) to install the selected app, to gather information to create an accurate questionnaire and to put together a consent form for their participants

45 min

Finalize the Project

- Finish gathering the data
- Analyze the data using one of the apps presented by the instructor
- Summarize the findings and their appreciation of the apps they used

Note: Can briefly present findings in the following class.

60 min

Legend

Context Icons:

Individual Work

Task Icons:

Analyze

Create/Design

Instructor Resource Curati

Instructor Orchestration