

Plickers

Kim Roth

Clickers

Plickers

Demo

Successes

Challenges

Questions

Using Plickers in Statistics

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Juniata College

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Best Practices Night

Sample question

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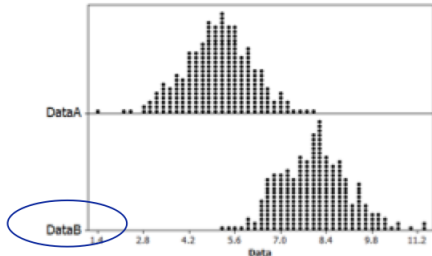
Challenges

Questions



Samples of size 5 are taken from a large population with population mean 8, and the sampling distributions for the sample means are shown. Dataset A (top) and Dataset B (bottom) were collected using different sampling methods. Which dataset (A or B) used random sampling?

B, since it is centered at the population mean of 8.



Statistics: Unlocking the Power of Data

Lock⁵

So you want to use classroom voting but...

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- clickers cost too much.
- technical support is limited.
- you do not want your student using technology connected to the internet.

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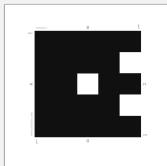
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- Short for Paper clickers
- Free (mostly) system
- Clickers based on QR-codes



- Uses only your smart phone for the plickers app
- <https://plickers.com>

Demo

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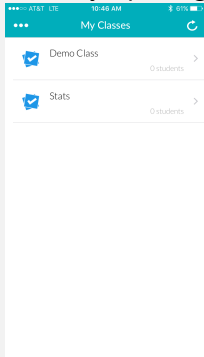
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Start by opening the plicker app on your smart phone.



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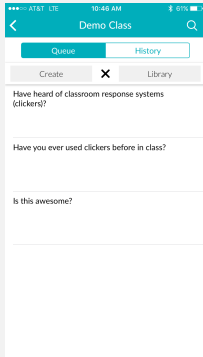
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Pick a class and then a question.



The screenshot shows the Plickers app interface on a mobile device. At the top, the status bar displays "AT&T LTE", "10:48 AM", and "51%". The app's header is teal with a back arrow, "Demo Class", and a search icon. Below the header are two tabs: "Queue" (active) and "History". Under the tabs are two buttons: "Create" and "Library", separated by a red "X" icon. The main content area lists three questions, each with a text input field below it:

- Have heard of classroom response systems (clickers)?
- Have you ever used clickers before in class?
- Is this awesome?

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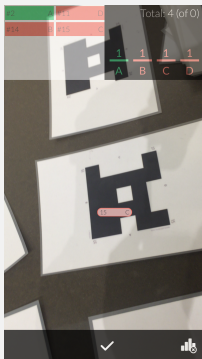
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Scan the room with the phone to collect answers



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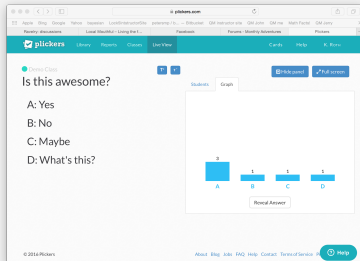
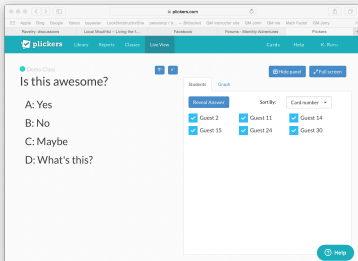
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Updates on app and on webpage.



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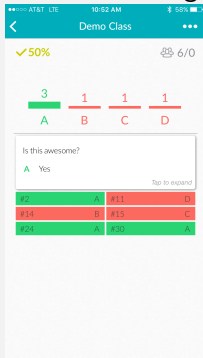
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View the final graph on phone.



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- Easier to set up.
- Worked well in all classes.
- Students liked them.
- Students appreciated that they are free.
- Can use same set in multiple times.

Challenges

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- Messy to use with powerpoint.
- To get spreadsheet reports, questions have to have a correct answer.
- Questions can only have 4 responses.
- Room must be well lit.
- Phone should be in airport mode.
- Max number of cards is 63.

Questions?

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Contact me at roth@juniata.edu.