

Finding Chicago's Racial Breakdown

For this activity, you will be conducting an experiment, collecting data, and analyzing data.

1. Pick one cube from the bag without looking and record its color. (blue = African American, pink = European American, red = Latino, yellow = Asian/Native American)
2. Replace the cube.
3. Repeat 100 times.
4. After every 10 picks, record the totals on the chart. Each line in the chart is the cumulative total of the picks.
5. Record the fraction and the percentage of each race/ethnicity for every 10 picks on the chart.

Group Questions

1. What do you think is in the bag? Why do you think this?

2. What happened as you picked more times, and what do you think would happen if you picked 1,000 times?