TECH TOOLS



CPM Probability Generators

Use this tool for generating probability outcomes using spinners, dice, bags, coins, decks of cards, and random number generators.

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CPM PROBABILITY GENERATORS

Summary

What are the odds of flipping a coin four times and getting all heads? What about drawing two marbles of the same color out of a bag containing 12 marbles of three colors? Use this tool to allow students to experience experimental probability.

Procedure

1. Go to https://technology.cpm.org/general/probability/.
2. Drag your desired tool from the left column into the empty space on the right.
3. Right-click on the tool you selected and adjust the settings such as color, replacement, number of items to draw, etc.
4. Deselect the tool by clicking off it.
5. Select the gear icon in the top-left corner and select "Options" to give your tool a title and description, and to select other display options.
6. Select the gear icon in the top-left corner and select "Save" to generate a URL to share with students. Note that this URL is often long, so it is recommended that you use a shortened URL (generated with tools such as Bitly, TinyURL, etc.) or hyperlink it to text in your LMS to share with students.

College Preparatory Mathematics. (2014). CPM Probability. https://technology.cpm.org/general/probability/