

Stretch to Sketch

Students sketch a visual (picture or diagram) to help make sense of new information.

Example:

1. If you rolled a single die 50 000 times, what do you think the graph would look like?
2. Predict what you think the graph would look like if you rolled two dice 50 000 times.
3. With a partner, roll two dice 50 times. Record the sum for each roll in a frequency distribution table. Then draw a graph to represent the distribution of the data. Comment on the distribution of the data.
4. Do you need to adjust your graph prediction in question #2?

(Canavan-McGrath, Pruner, Shaw, Trufyn, & Reinbold, 2011, p. 241)