

Exhibit 43. Cumulative distribution of the number of activities used by grade 8 science teachers in one period. U.S. grade 8 science teachers report consistently using more different activities than their counterparts in Germany and Japan, but the differences are smaller compared to those among grade 8 mathematics teachers. [We represent each country by a curve showing the cumulative proportion of their teachers using different numbers of activities. For any point on one of the curves, the point's distance to the right indicates how many different activities are being considered. The point's height indicates the percentage of that country's grade 8 science teachers who use that many or fewer activities in a typical lesson. Curves that lie further to the right indicate typical use of more different activities.]

