

I have several occupations written on index cards. The students randomly choose a card. They share their new occupation with the class.

Then, I give them a large index card with information about their occupation. On the back is a description of the occupation. I have the students read this to the class. Some of the occupations included are attorney, airplane mechanic, environmental biologist, farm advisor, hospital controller, industrial engineer, painter, printer, plumber, realtor, etc.

Once they read the description, they turn the card over and a problem, that one in that occupation may come upon, is to be solved using proportions.

The students surprise themselves at how many occupations use math and the ways it is used for that particular occupation.