Weighted Lottery Explanation
for the 2019-2020 School Year

The following is an explanation of the weighted lottery process we used to determine the 120 students for entry into MCHS during the 2019-2020 school year.

- All students who submitted applications were placed into a row on a spreadsheet. There were an additional four student group indicators provided for each of the students: Hispanic, male, economically disadvantaged, and At-Risk.
- In order that the campus comply with Benchmark 1 from the Blueprint for Early College High Schools, the decision was made to weight the lottery, which would result in students meeting the required demographics having a greater chance for admittance. The committee decided the weight for each of the indicators, with the weight being between 0 and 149 (the number of students who submitted applications). The decision was to weight economically disadvantaged by 30 and at-risk by 40. Students who had both of the indicators had the weights added together resulting in a total weight of 70. The weighting and its effect on the final results will be explained in a later bullet.
- The committee then decided that the campus could admit 120 students in this cohort.
- Each student was assigned a random number using the RAND formula. Once each student was assigned a random number, that number was locked into the spreadsheet and would not change.
- The random numbers assigned to each student were ranked lowest to highest. The lowest number was given a rank of 1, the next lowest 2, and so on until the student with the highest random number was given a rank of 149.
- Each student then had his or her total weight subtracted from the rank. For example, a student who had a ranking of 49 and a total weight of 30, would have a final rank of 19. The final rankings could have ranged from -69 to 149.
- The list of students was then sorted from smallest to largest by this final ranking. The lowest 120 rankings were then admitted into MCHS for 2019-2020.
- The remaining 29 students will be placed on a waiting list with 121st ranked student being the first on the waiting list and the 149th ranked student being last.