PyCity Schools Summary

In reviewing the test scores for the district there are some emerging patterns. The top 5 schools are charter schools of a small to medium size.

School	School Type	Total Students	Total School Budget	Per Student Budget	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing
Cabrera High School	Charter	1858	1081356	582.0	83.061895	83.975780	94.13	97.04	91.33
Thomas High School	Charter	1635	1043130	638.0	83.418349	83.848930	93.27	97.31	90.95
Griffin High School	Charter	1468	917500	625.0	83.351499	83.816757	93.39	97.14	90.60
Wilson High School	Charter	2283	1319574	578.0	83.274201	83.989488	93.87	96.54	90.58
Pena High School	Charter	962	585858	609.0	83.839917	84.044699	94.59	95.95	90.54

Larger district schools had lower overall passing scores. District schools in general have an overall passing rate of 53.7%, charter schools have a 90.4% passing rate.

School Type	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing
Charter	83.473852	83.896421	93.620000	96.586250	90.431250
District	76.956733	80.966636	66.548571	80.798571	53.671429

Smaller schools have a higher passing rate, where schools with more than 2000 students have an overall passing rate of 58.2%. The charter schools are all smaller with the largest charter school (Cabrera High School) having 1858 students, in comparison to the smallest district school with 2739 students.

Total Student Summary	Average Math Score	Average Reading Score	% Passing Math	% Passing Reading	% Overall Passing
Small(<1000)	83.821598	83.929843	93.55000	96.10000	89.885
Medium (1000-2000)	83.374684	83.864438	93.59800	96.79000	90.620
Large (2000-5000)	77.746417	81.344493	69.96375	82.76625	58.285

Even where the larger schools have a larger per student budget, the smaller school perform better. My recommendation is to focus on smaller class sizes.