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The Excel document titled **Charts** contains the charts and graphs I would use to explain test scores to parents.

The sheet marked **Student Score**, shows the percentile rank for a particular student for each subject tested. I would use this to explain to parents how the child ranked with others tested. For example, better than 99% of others in Math, but only better than 56% in Social Studies.

The next sheet, **Class scores**, shows the class scores for a particular subject. The parent could look and see how their child did as compared to the rest of the students in the class without disclosing private information.

The Chart titled **Bell Curve**, shows how the curve for the class would work. Within the two long lines would be the about normal range. Between the long line and short line would be the normal section. And scores outside the short lines would be below average. This is just an example, and I did not scientifically figure out the ranges. I made an example chart.

The last chart titled **Statistics** just gives basic information about class statistics. It shows the highest score in the class on a particular subject, as well as the lowest score. It tells the class average, the median score, and the score that occurs most often.

All the charts except for the first are for one subject. If I was the Math teacher I would create charts to explain the students math scores on a standardized test.

If I was using this to explain in class tests, I would probably use the bell curve most often. I could show students where scores fell and possible explain a curve on the test. I could also use the statistic chart to show class statistics for a midterm or major exam.