



Chess-Playing Students Have Higher Benchmark Scores

Data shows that Chess-playing students improve more than non-playing chess students on their Benchmark scores.

Data was used to compare test scores.

- At William Lipscomb Elementary in 2005, research was done to compare Chess-playing 3rd grade students with non-Chess playing 3rd grade students.

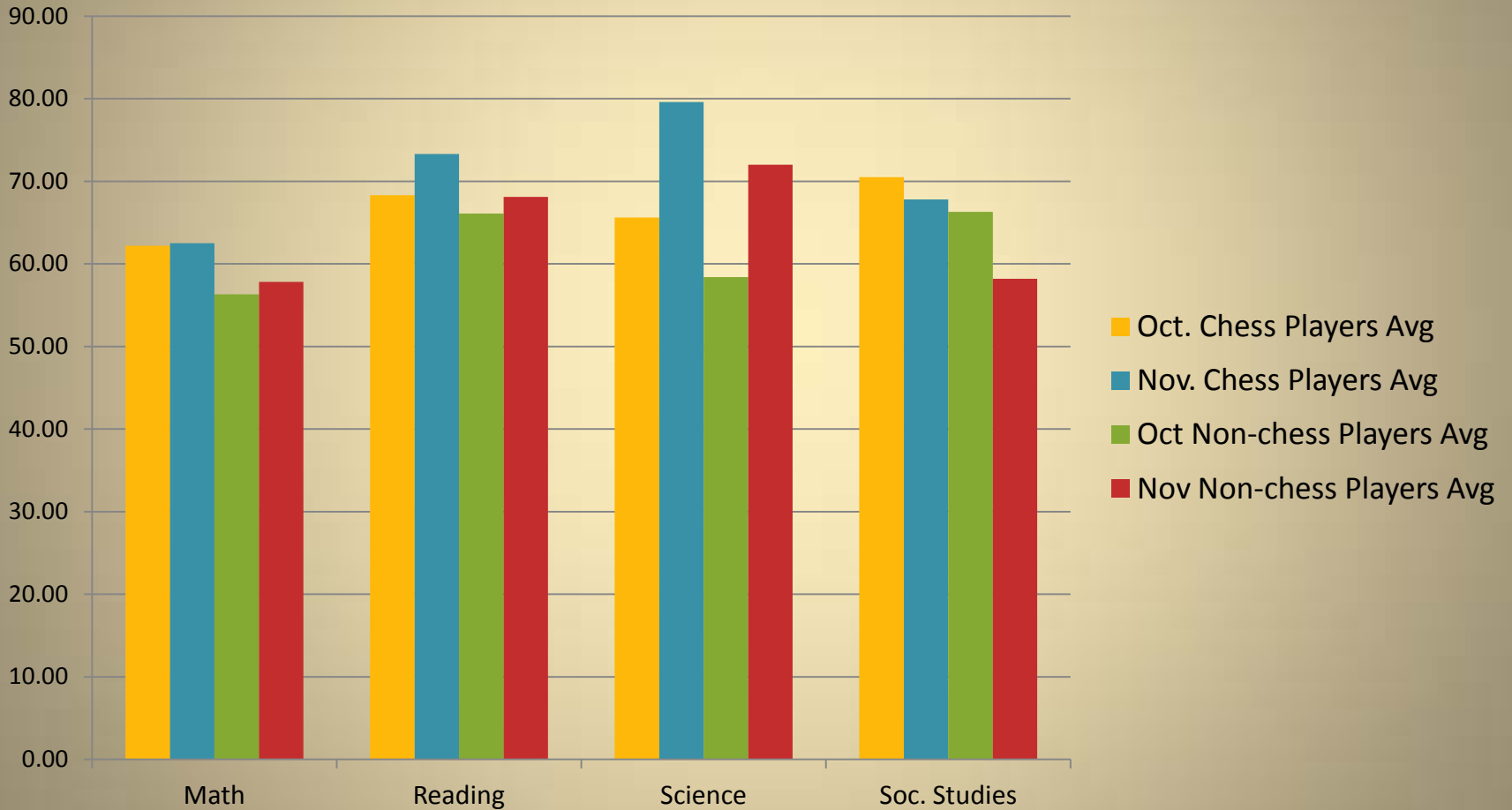


Benchmark Results

- The October Benchmark scores were examined to see what the average scores were for both groups of students in Math, Reading, Science and Social Studies.
- November Benchmark scores were also examined on both test groups in the four subjects.

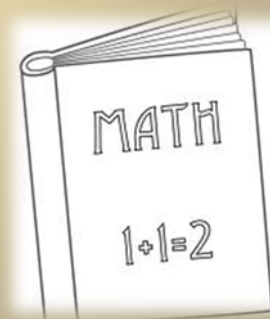
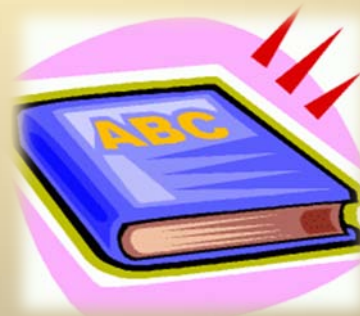


Lipscomb Elem. Scores



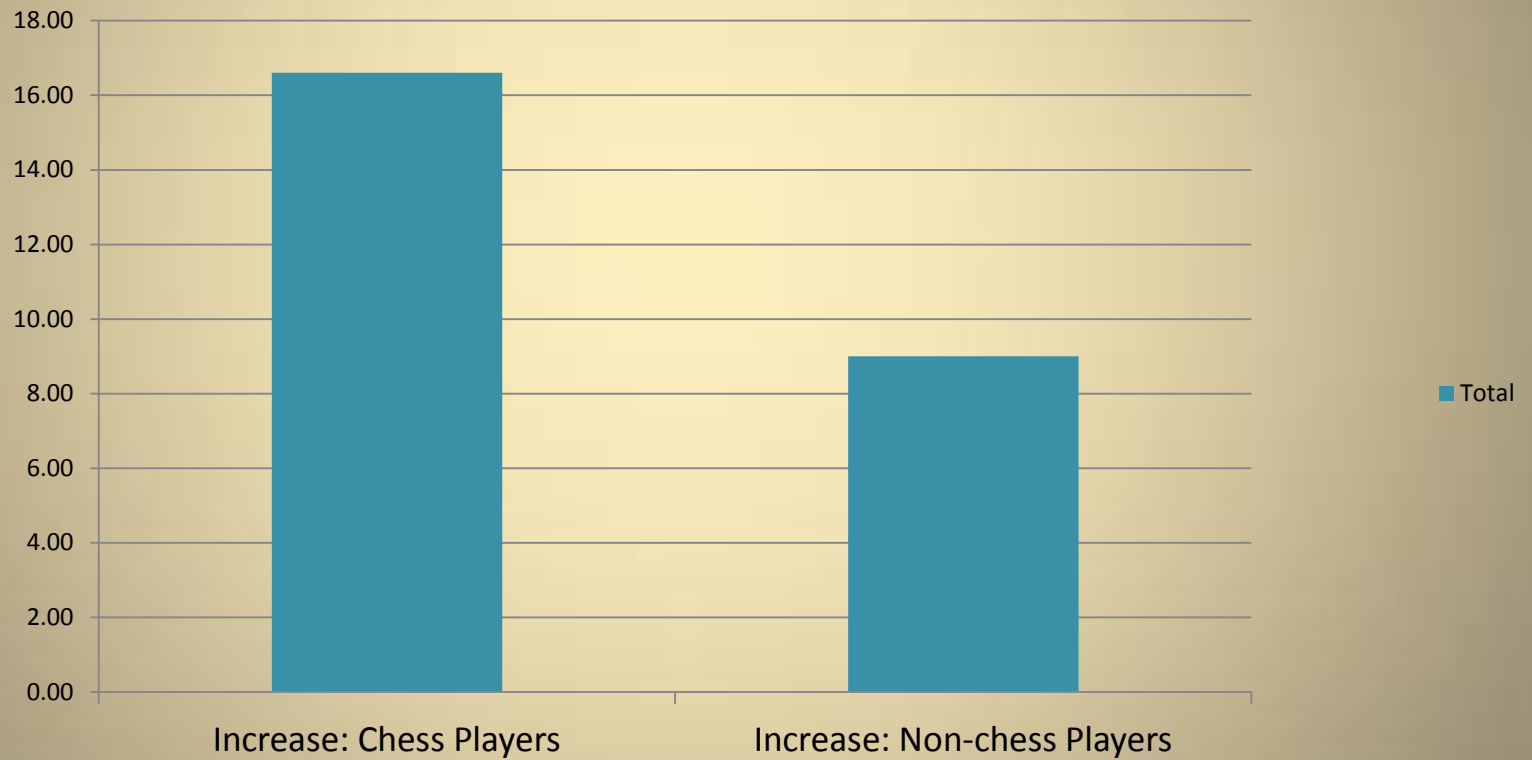
Comparing the Data

- The data was compared to see if improvement occurred in the November Benchmark of the chess-playing students.
- On average, the chess-playing students scored 7 points higher than the non-chess playing students on their total benchmark scores.



Comparing the Data

Increase in Scores



More Research Was Done

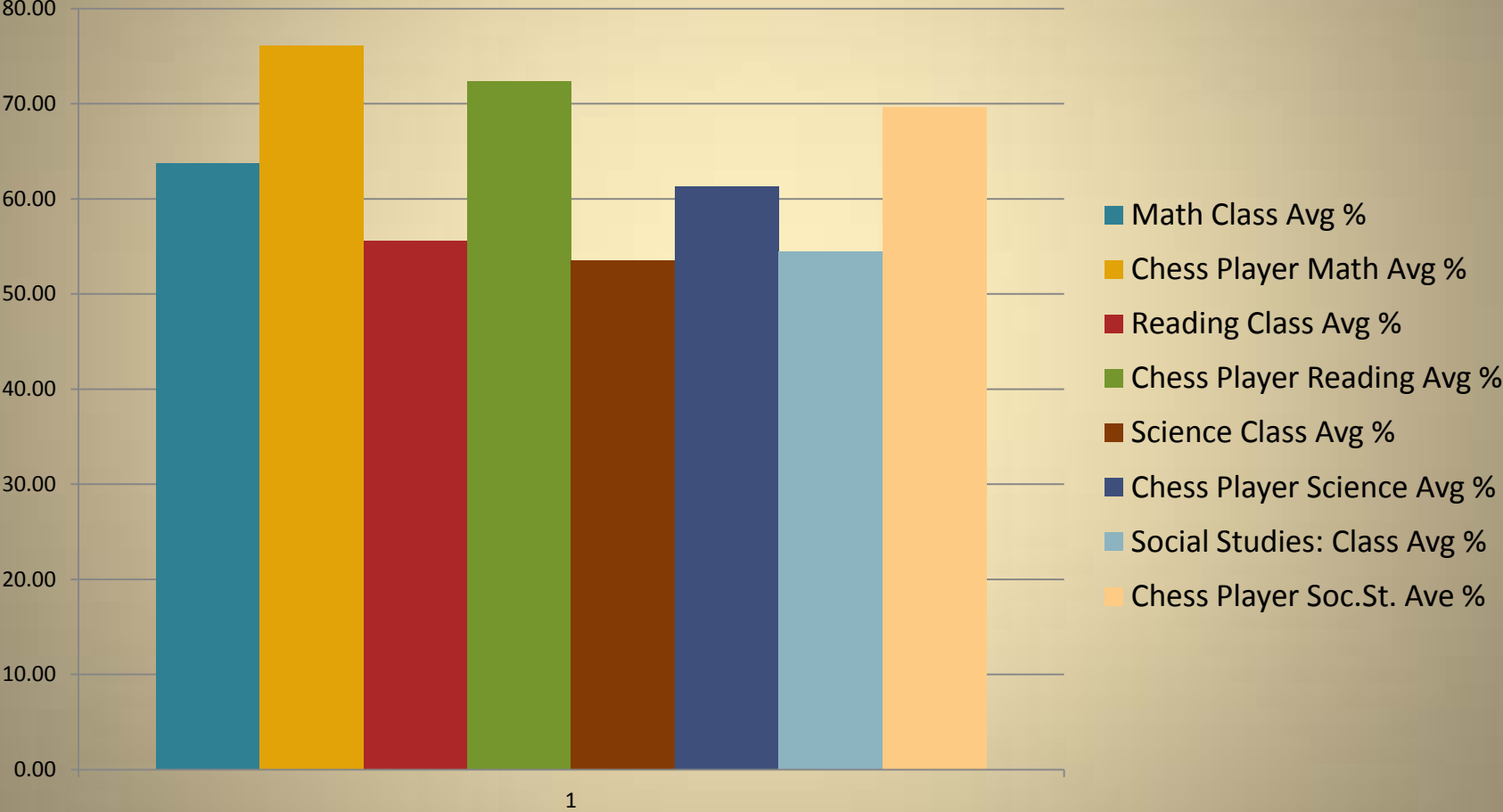
- At H. B. Gonzalez Elementary, in the Fall of 2010, test scores were again compared between chess-playing students and non-chess playing students.



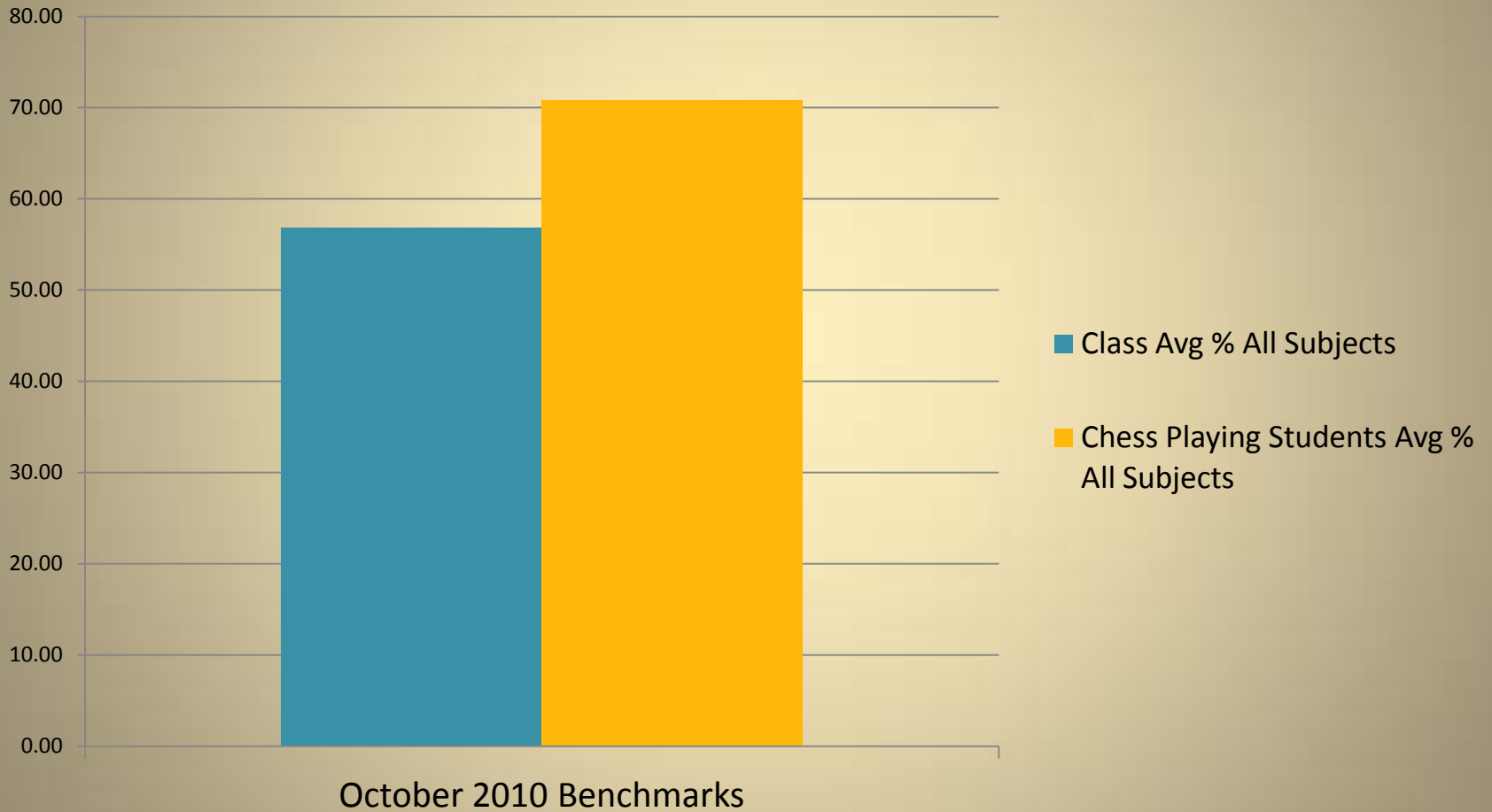
October Benchmark Scores

- Chess Club Students scores were compared to the Class Average.
- For most of these students their scores were higher than the Class Average.

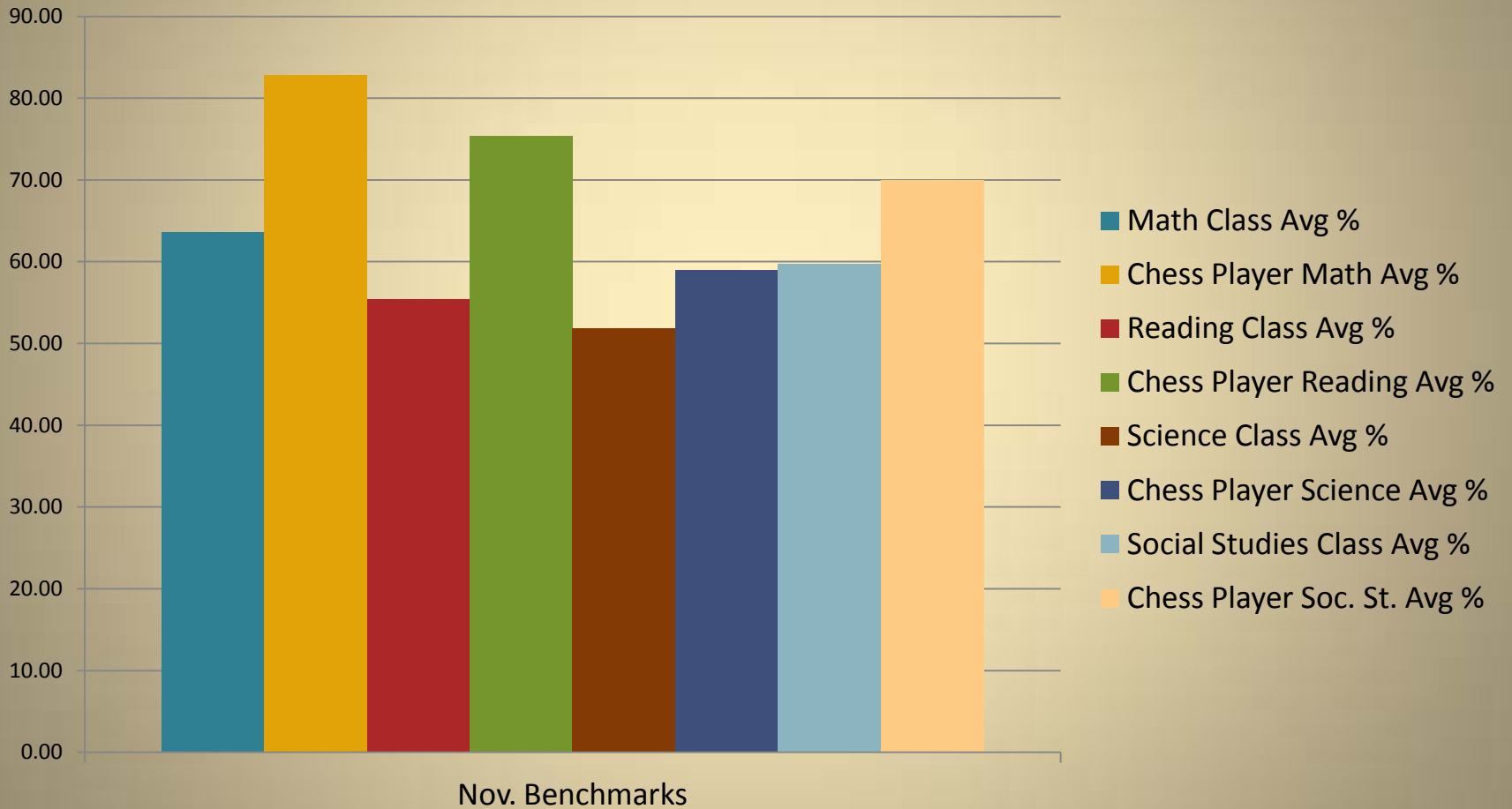
October 2010 Benchmark Summary



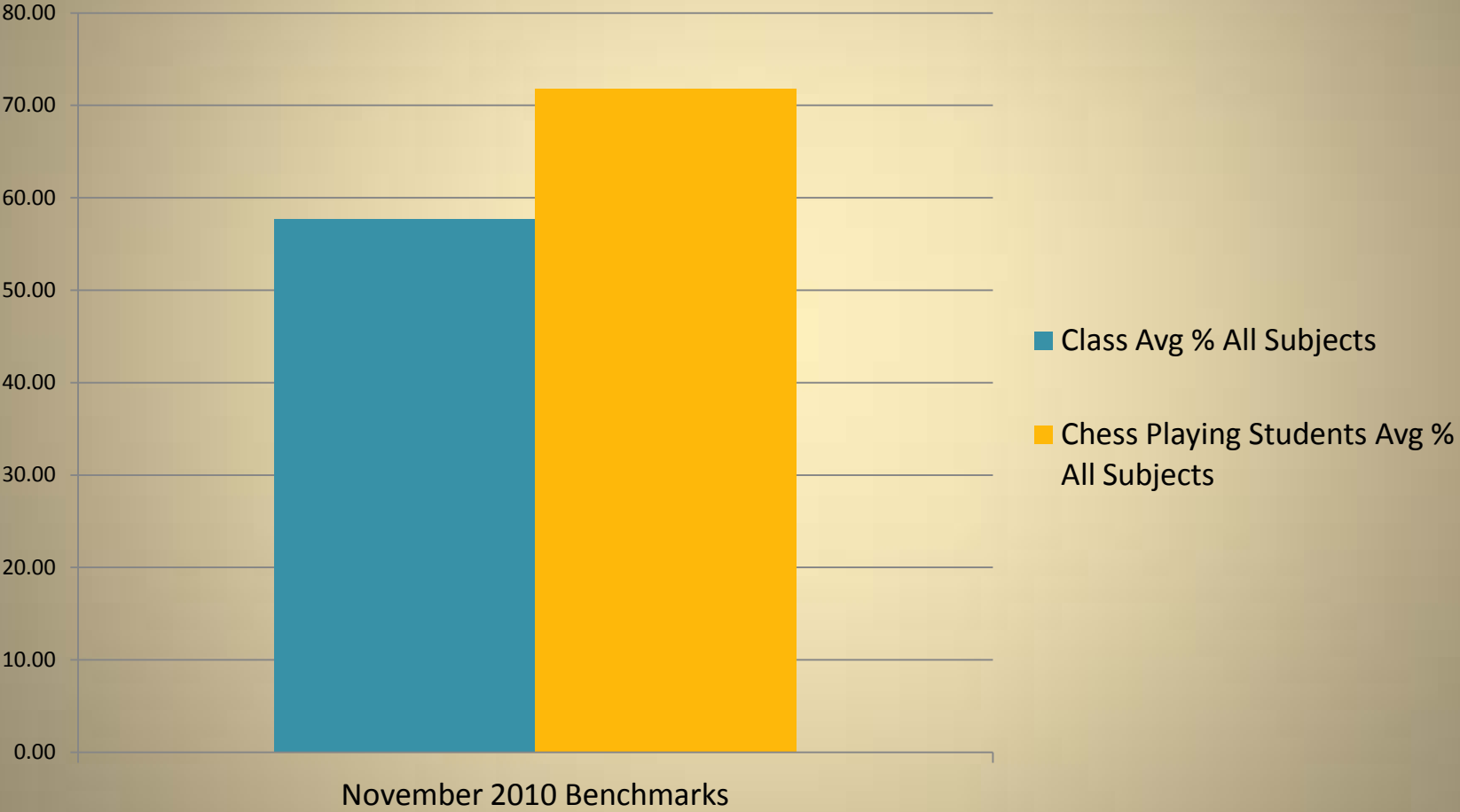
October 2010 Benchmark Summary



November 2010 Benchmark Summary



November 2010 Benchmark Summary



Why the Improvement?

- There is conjecture on why chess students do better on their test scores than non-chess playing students.
- Some think that chess-playing students are already more motivated to be better students and therefore score higher than non-chess playing students.
- Some think that the game of chess itself helps brain functions in students and therefore improves test scores.

Conclusion

- Regardless of why chess-playing students score better on their standardized test scores, data shows that this improvement does occur.



Chess Club Inspires Students



Chess Builds Self-esteem

