

Coleman A + Academy  
Summer School Report  
June 2007

Coleman High School held summer school at no cost to CHS students. The program was funded by amending the 3<sup>rd</sup> cycle of the CSR grant. Summer school ran from May 30<sup>th</sup> to June 13<sup>th</sup>, 8:30 am to 1:30 pm. Ms. Veronica Abila and Mr. Ronnie Arispe provided Science and Math instruction utilizing the A+ program recently acquired by MISD. Those eligible to attend included MISD students who were either Coleman High School students or those accepted to attend the Coleman in the fall. Childcare and social counseling were also provided. With the A + program, students got immediate feedback and felt immediate success and thrived for excellence. Overall, students were able to excel, and recover credits lost during the year. With the A+ program we were able to track attendance, test percentages, and time spent on each section. Overall, 32 students earned at least ½ a credit and 5 of those students earned a whole credit.

## Science

Coleman High School offered Biology, Chemistry, and IPC. There were 24 students enrolled, and 17 successfully completed a semester or even a full course for an average completion rate of 71%. 17 students earned at least a ½ credit. In other words, 12 of the 17 (70%) earned a ½ credit or completed a semester, while 5 of the 17 (29%) earned a full credit or completed 2 semesters of science. Because of the short amount of time for summer school, students were not allowed to miss any days. The students who successfully finished a class had a 100% attendance. Unfortunately not all students finished a course; our completion rate for science is summarized in chart A by grade level.

**Chart A**

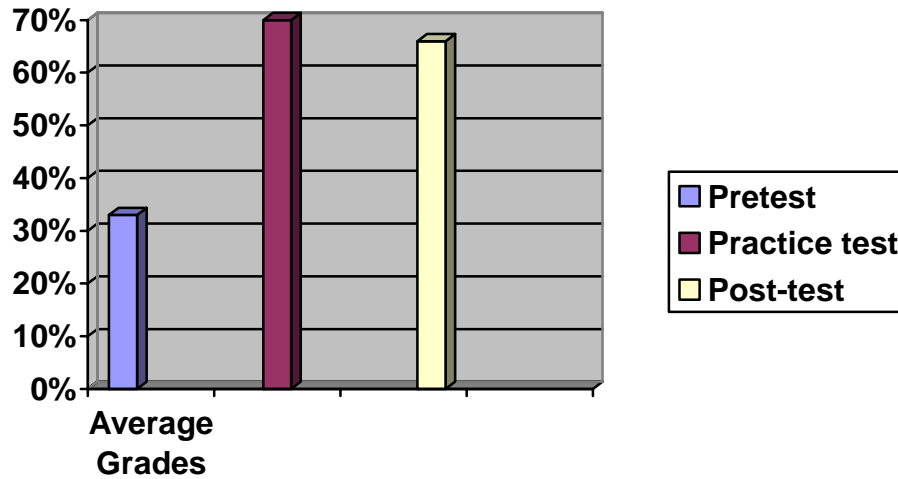
Grade level	Completion Percentage
9 <sup>th</sup>	67%
10 <sup>th</sup>	50%
11 <sup>th</sup>	80%

Chart B illustrates the number of students enrolled, the number completed, pre-test averages, and post-test averages. Students took a pretest in order to determine their prior knowledge of an area. If an average of a 70 was attained on the test, the student was allowed to move on to the next section. If the student did not get a 70 on the pretest, then the student took notes, and had a guided practice. The pretest average was low in all three courses. This meant that extra time was spent on studying. Students were not allowed to move on to the next course until post-test average was 70 or higher. Many students retook the post test, thus the reason for the low post test average.

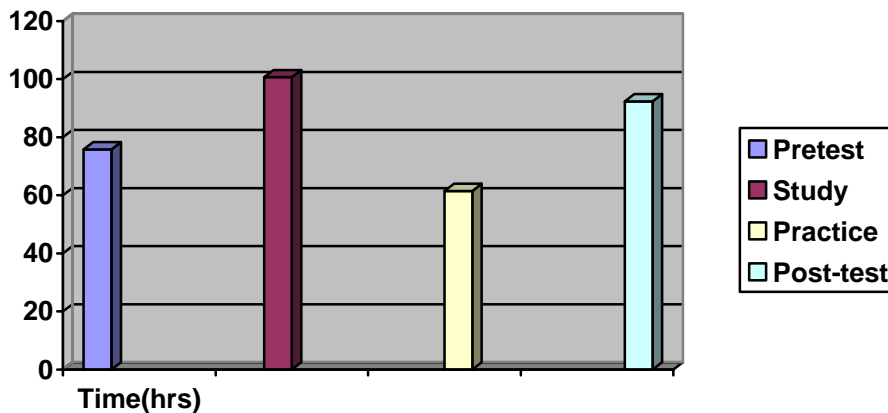
**Chart B**

Class	Number Enrolled	Number Completed	Pretest Average	Post-test Average
Bio	12	12	24%	56%
IPC	10	3	27%	28%
Chem	2	2	48.5%	78%
Total	24	17	33%	66%

The bar graph below shows the average pretest, practice test, and posttest grades in Science. The pretest had a low average because the test measures student's prior knowledge. The practice test shows a huge increase because the student was allowed to take notes and study.



The next bar graph shows the amount of time a student spent on each section. The time spent on studying was far more than on any other section. These numbers show the students took their time to learn the material.

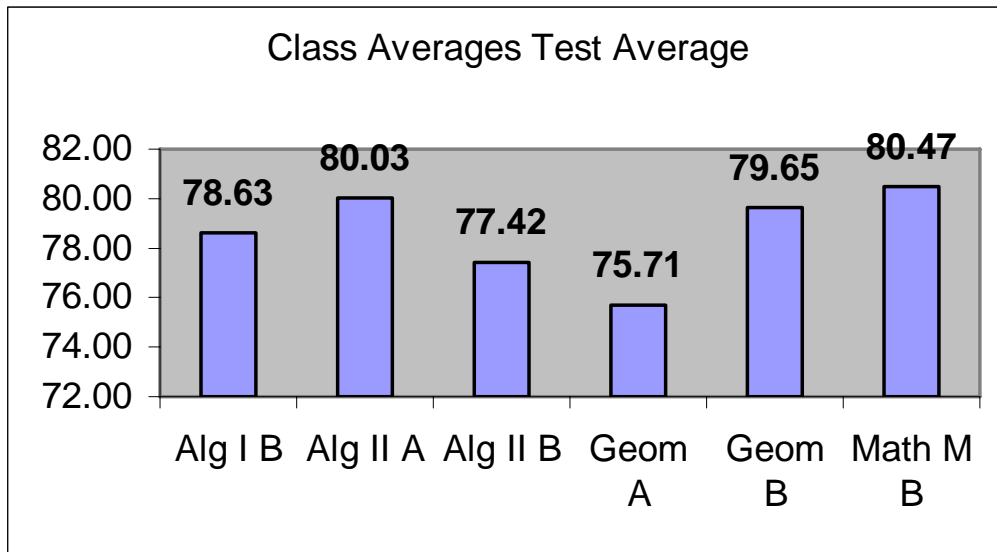


## Math

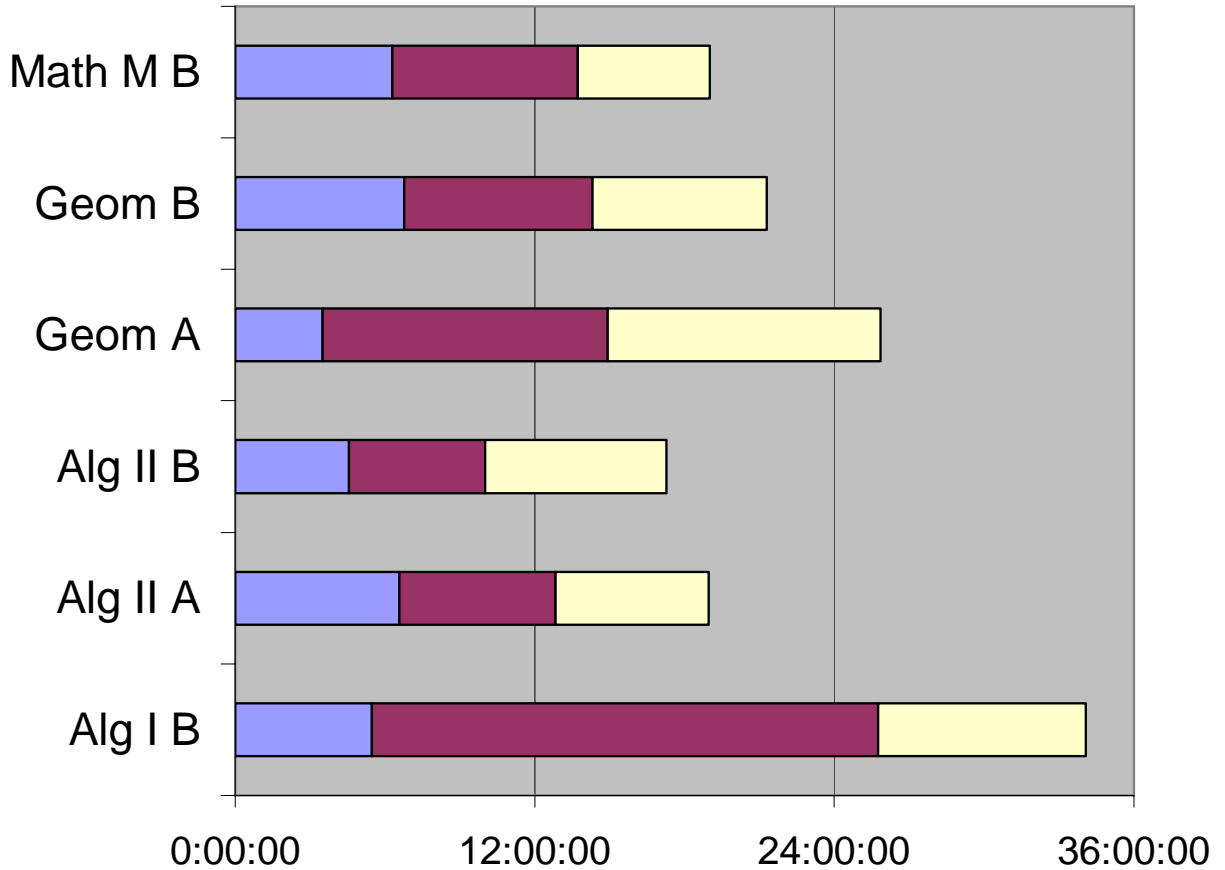
Coleman had fifteen students pass math courses and gained eight credits, overall. We taught Algebra I and II, Geometry, and Math Models. Upon examining the master test results, the range is from 76 to 85. Considering, however, that A+ is a self-paced, self-learning program and that most of our student population have difficulty in a normal math class, these results are good compared to their normal class scores. It would seem that attendance and the test scores have no correlation, but consider that the students were mandated to not miss one day of class, since there were only ten class days, and attendance is only a reflection of those that did not complete the course and just stopped coming to class. Notice, however, that those who spent more time on the course, Algebra I B and Geometry A, also had lower test scores. This could point to the fact that they had difficulty with the work and needed more time to complete the course.

### Test Averages

The following are the final post test averages by class. Each lesson contained a mastery test at the end, and students were not allowed to progress into the next lesson until the test was passed.



## Time Management



	Alg I B	Alg II A	Alg II B	Geom A	Geom B	Math M B
Test Time	8:19:59	6:06:44	7:15:28	10:56:40	6:58:00	5:17:09
Practice Time	20:16:23	6:15:38	5:28:05	11:24:31	7:32:47	7:25:19
Study Time	5:28:13	6:34:50	4:33:06	3:30:19	6:46:29	6:17:47

**Time(hr:min:sec)**

In conclusion, the summer school was an overall success. Summer school will be the stepping stone for a successful fall semester. The students were allowed to be successful in a learning rich environment. The students were engaged and successful in their course work. It was amazing to see the progress and success of the students. A+ appears to be a good fit for CHS.