

Colleagues,

While preparing for a presentation, I up-dated my power point slides reflecting the new statistics released by HSTW. I have attached them for your convenience. I also compared the old report to the new. For what it is worth I offer a few observations:

- When comparing the mean scores of PLTW students to CTE students in similar fields, the PLTW students improved by 6 points in reading, 9 points in math and 4 points in Science over the old report.
- When comparing the mean scores of PLTW students to all CTE students, the PLTW students improved by 6 points in reading, 9 points in math and 14 points in Science over the old report.
- When comparing the course taking patterns to other CTE students, the difference in change between the two studies is minimal.
- When comparing the PLTW students' mean math scores by college-prep math courses completed, the PLTW students improved 11 points over the old study.
- When comparing the PLTW students' mean science scores by college-prep science courses completed, the PLTW students improved 12 points over the old study.
- In regards to the percent of students planning post-secondary study, the old study broke it down into two categories, 4 year schools and 2 year schools. The new report reports it as one category, post-secondary. For comparison purposes, I combined the 2 and 4 year percentages from the old report and compared it to the new report. The 2005 report showed that 72% of the PLTW students planed to attend post-secondary studies (58% - 4 year & 14% 2 year). The new study shows that 83% of the PLTW students plan to attend post-secondary studies, an increase of 11%!

The new report clearly shows that the PLTW students have improved in just about every category.

With Regards  
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