



# Wyoming Department of Education PRESS RELEASE

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**Contact:**  
**Tom Lacock**  
**307-777-5399**  
[tom.lacock@wyo.gov](mailto:tom.lacock@wyo.gov)  
[edu.wyoming.gov](http://edu.wyoming.gov)

## **Wyoming International Benchmarking Results in Mathematics and Science Released**

**CHEYENNE** – The U.S. Department of Education and the National Center for Education Statistics today released a report comparing the mathematics and science scores of Wyoming middle school students with their peers internationally. The report includes Wyoming-specific results and estimate that Wyoming students performed above the international average.

The study, entitled “U.S. States in a Global Context: Results From the 2011 NAEP-TIMSS Linking Study,” statistically estimates how well states’ students would have scored on the 2011 Trends in International Mathematics and Science Study (TIMSS) based upon their actual performance on the 2011 National Assessment of Educational Progress (NAEP) in science and mathematics. TIMSS is an international student assessment that is administered globally once every four years to students in 47 providences and countries around the world.

Because the NAEP and TIMSS calendars converged during 2011, there was an opportunity to statistically connect or “link” the two assessments in order to compare student achievement around the world.

This study provides an estimate on how well the state’s eighth graders compared that year with their peers’ skills globally in mathematics and science by using the state’s 2011 NAEP scores. In mathematics Wyoming’s estimated 2011 TIMSS score was 524 points on the TIMSS scale. Wyoming was one of thirty-six U.S. states with students performing above the TIMSS average (an international average is 500).

TIMSS scores range on a scale from 0 to 1000 points, with the TIMSS international average pegged at 500 points. Wyoming’s estimated score on the TIMSS places the state’s eighth graders within TIMSS’ *Intermediate* benchmark in mathematics. Essentially eighth graders at this level

