**Supporting information**

**S1 Table. The subdivisions of nationally administered standardized tests in the language arts and mathematics.**

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| --- | --- | --- |
|  | Language arts | Mathematics |
| 4th grade  (age 9) | * spelling * reading comprehension * writing * grammar | * calculations and operations * geometry and measurement * numbers and comprehension |
| 7th grade  (age 12) | * spelling * reading comprehension * writing * grammar/word usage | * calculations and operations * geometry and measurement * statistics |
| 10th grade  (age 15) | * spelling (until 2009) * reading comprehension/literature * grammar/word usage * writing | * calculations and operations * ratios and percentages (statistics) * geometry and measurement * algebra and patterns |