Assessed for eligibility (n = 1805)

* 884 female and 921 male students

# Enrollment

Excluded (n = 35)

Students with Disabilities/  
 Special needs (n = 35)

Randomized (n = 1770)

* 869 female and 901 male students

Allocation

Allocated to **control** group(n = 753)

* 367 female and 386 male students

Allocated to **experimental** group (n = 1017)

* 502 female and 515 male students

**Follow up**

Lost to follow up

(n = 268) (did not answer pre-test or post-test evaluation for evaluation of writing)

Lost to follow up

(n = 304) (did not answer pre-test or post-test for vocabulary)

Lost to follow up

(n = 381) (did not answer pre-test or post-test for writing)

Lost to follow up

(n = 237) (did not answer pre-test or post-test for vocabulary)

Analyzed (n = 485)

* 247 female and 238 male students

For ANCOVA of Group (n = 424)

* Exclude (n = 61) (to achieve normality)

For ANCOVA of Group:Gender (n = 419)

* Exclude (n = 66) (to achieve normality)

For ANCOVA of Group:School.Area  
(n = 329)

* Exclude (n = 133) (not declared)
* Exclude (n = 23) (to achieve normality)

For ANCOVA of Group:Ethnicity  
(n = 206)

* Exclude (n = 262) (not declared)
* Exclude (n = 17) (to achieve normality)

For ANCOVA of Group:Grade (n = 455)

* Exclude (n = 30) (to achieve normality)

For ANCOVA of Group:Quintile (n = 446)

* Exclude (n = 39) (to achieve normality)

Analyzed for vocabulary (n = 636)

* 319 female and 317 male students

For ANCOVA of Group (n = 557)

* Exclude (n = 79) (to achieve normality)

For ANCOVA of Group:Gender (n = 555)

* Exclude (n = 81) (to achieve normality)

For ANCOVA of Group:School.Area  
(n = 411)

* Exclude (n = 185) (not declared)
* Exclude (n = 40) (to achieve normality)

For ANCOVA of Group:Ethnicity  
(n = 248)

* Exclude (n = 369) (not declared)
* Exclude (n = 19) (to achieve normality)

For ANCOVA of Group:Grade (n = 601)

* Exclude (n = 35) (to achieve normality)

For ANCOVA of Group:Quintile (n = 571)

* Exclude (n = 65) (to achieve normality)

Analyzed for vocabulary (n = 713)

* 368 female and 345 male students

For ANCOVA of Group (n = 713)

* Exclude (n = 0) (to achieve normality)

For ANCOVA of Group:Gender (n = 713)

* Exclude (n = 0) (to achieve normality)

For ANCOVA of Group:School.Area  
(n = 483)

* Exclude (n = 230) (not declared)
* Exclude (n = 0) (to achieve normality)

For ANCOVA of Group:Ethnicity  
(n = 281)

* Exclude (n = 430) (not declared)
* Exclude (n = 2) (to achieve normality)

For ANCOVA of Group:Grade (n = 713)

* Exclude (n = 0) (to achieve normality)

For ANCOVA of Group:Quintile (n = 713)

* Exclude (n = 0) (to achieve normality)

Analyzed for vocabulary (n = 516)

* 259 female and 257 male students

For ANCOVA of Group (n = 515)

* Exclude (n = 1) (to achieve normality)

For ANCOVA of Group:Gender (n = 515)

* Exclude (n = 1) (to achieve normality)

For ANCOVA of Group:School.Area  
(n = 366)

* Exclude (n = 149) (not declared)
* Exclude (n = -1) (to achieve normality)

For ANCOVA of Group:Ethnicity  
(n = 235)

* Exclude (n = 280) (not declared)
* Exclude (n = 1) (to achieve normality)

For ANCOVA of Group:Grade (n = 515)

* Exclude (n = 1) (to achieve normality)

For ANCOVA of Group:Quintile (n = 515)

* Exclude (n = 1) (to achieve normality)

# Analysis