



OVERALL, INVESTIGATIONS 3 SCHOOLS SCORED HIGHER THAN CONTROL SCHOOLS ON STATE MATH ASSESSMENT

During the 2017-2018 school year, the *Investigations 3* publisher contracted with an independent evaluator – JEM & R Consulting – to conduct a quasi-experimental design (QED)[†] study of its *Investigations 3* curriculum in third, fourth, and fifth grades. State mathematics assessment proficiency* was used as the outcome measure.

The sample included:

236



Investigations 3 Schools

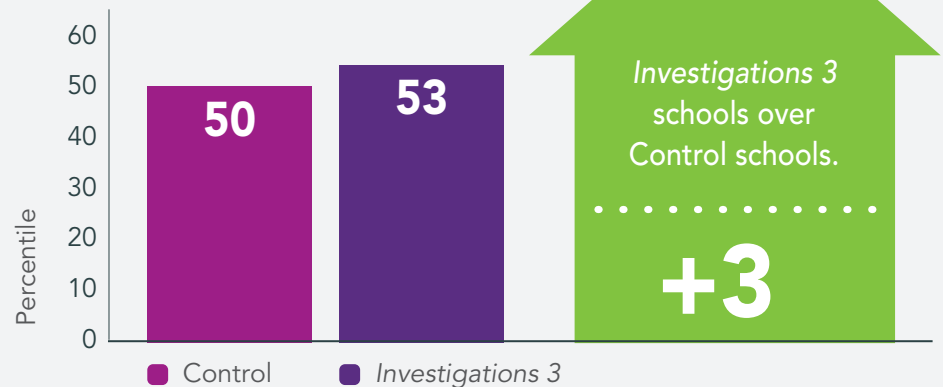
and matched Control (i.e., non-*Investigations 3*) schools across CA, MA, NC, OH, and OR.

[†] Sample determined by selecting existing *Investigations 3* users and non-users, rather than by random assignment.

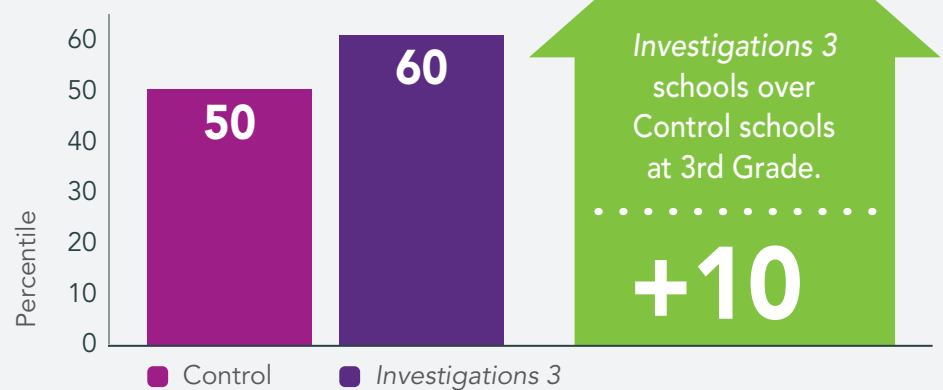
*Percent of students who met or exceeded state math proficiency standards.

On average across all grade levels, *Investigations 3* schools scored 3 percentiles higher than Control schools on the state math assessment. In fact, at third grade, *Investigations 3* schools scored *statistically significantly* higher than Control schools – by 10 percentile points.

ALL GRADES (3, 4, 5) Spring 2018 State Math Assessment Proficiency



3RD GRADE Spring 2018 State Math Assessment Proficiency



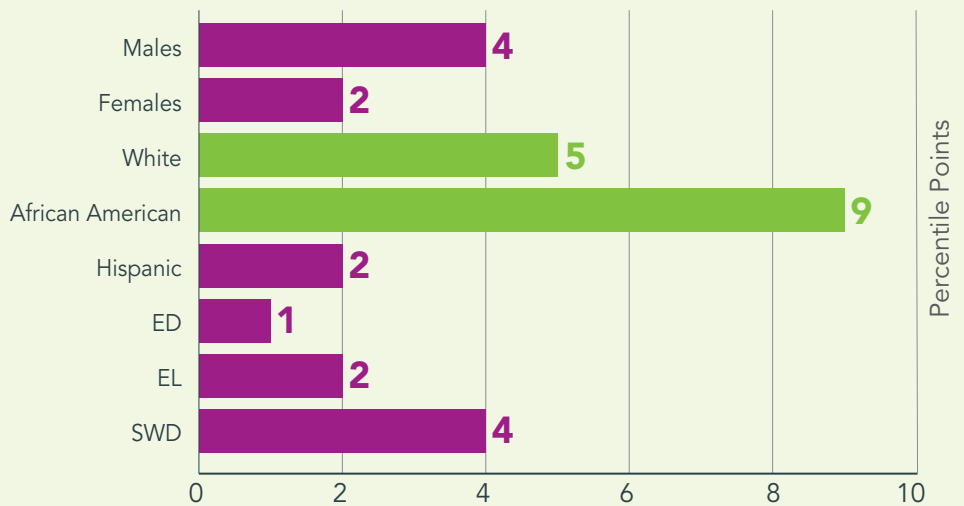
The percentile for the *Investigations 3* group indicates the percentage of students in *Investigations 3* schools who are doing better than the average student in Control schools (i.e., 50th percentile).



INVESTIGATIONS 3 LEARNERS HAD A PERCENTILE ADVANTAGE OVER CONTROL LEARNERS—REGARDLESS OF DEMOGRAPHIC SUBGROUP

On average across all subgroups, *Investigations 3* schools had a percentile advantage over Control schools on the 2018 state math assessment. African American students at *Investigations 3* schools scored *statistically significantly* higher than African American students at Control schools by 9 percentile points, and white students at *Investigations 3* schools scored *statistically significantly* higher than white students at Control schools by 5 percentile points.

Investigations 3 schools' percentile point advantage over Control schools on 2018 state math assessment: By Subgroup

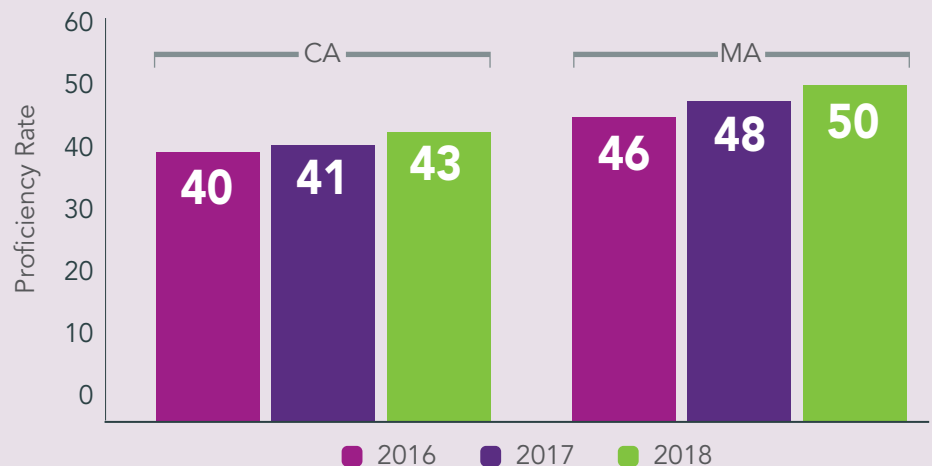


ED: Economically Disadvantaged; EL: English Learner; SWD: Students with Disabilities

STATISTICALLY SIGNIFICANT RELATIONSHIP BETWEEN LENGTH OF EXPOSURE TO INVESTIGATIONS 3 AND ACHIEVEMENT GAINS

Investigations schools in CA and MA had two years of *Investigations 3* usage data which allowed us to look at the relationship between length of exposure to *Investigations 3* and achievement gains. Overall there were *statistically significant* increases in state math proficiency rates between Spring 2016 and Spring 2018 among *Investigations 3* schools in California (Grades 3-5) and Massachusetts (Grades 4-5)[†].

CA and MA *Investigations 3* Schools: State Math Proficiency Rate 2016-2018



[†] Student Growth Percentile (SGP) was used to assess change among MA schools which is not available for grade 3.