

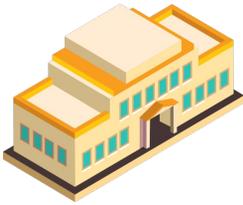


CHALKTALK

Phoenix College Prep Academy

Impact Study

Fall 2018



Phoenix College Prep Academy

Impact Study

School Demographics

PCPA is operated by Maricopa Community College District, the largest community college district in the US. 88% of PCPA's students are minorities and 97% of them are economically disadvantaged.

Score Improvement

Students who participated in the ChalkTalk program saw a 7 point improvement—6.3x more than the national average in only 17% of the time [The ACT, 2016].



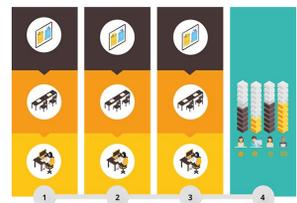
Official College-Readiness Benchmarks

84% of students improved by 1 or more grade levels



ChalkTalk Blended Learning Model

1. Whole group instruction.
2. Small group instruction.
3. Individual practice.
4. Individual review practice.



Placement Test & Exit Exam

Students completed official ACT practice exams to personalize ChalkTalk around the skill level of each student, and to measure improvement upon completion of the program.



Impact Study Methodology

PCPA is operated by Maricopa Community College District, the largest community college district in the US. 88% of PCPA’s students are minorities and 97% if them are economically disadvantaged. During the fall semester 2018, 24 senior participated in an optional 8-week pilot program of ChalkTalk. This report examines students who completed:

1. An official ACT practice test at the start and end of program.
2. One or more ChalkTalk practice sessions.
3. One or more Review Classes.

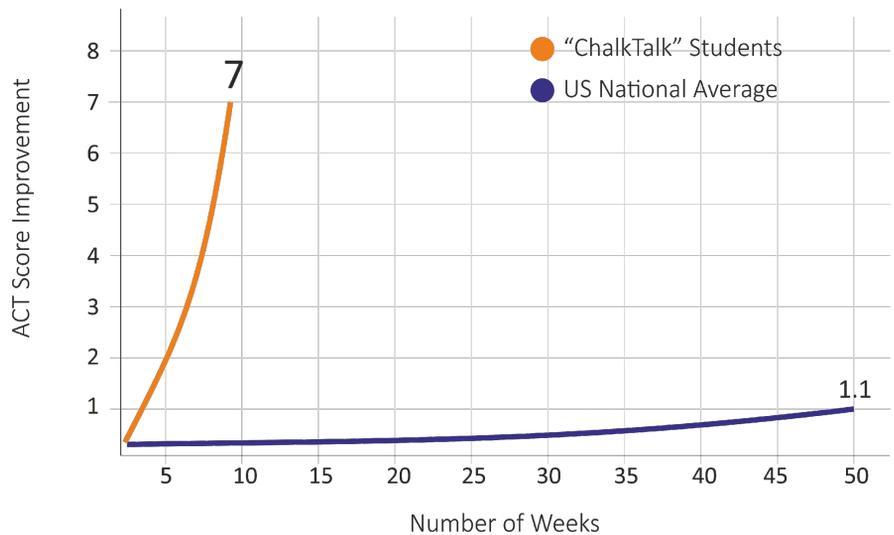
All students [24 students] met the above criteria.

Student Activity & Score Improvement

The 24 students completed an average of 996 Engaged Questions¹ within ChalkTalk. The average of the score improvement on the ACT practice test for this group was 7 points.

Summary

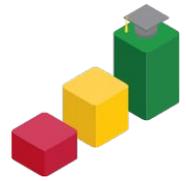
The US national average for ACT score improvement is 1.1 points after a full school year². ChalkTalk delivered an average score improvement of 7 points—636% higher than the US national average in 17% of the time.



Students who used ChalkTalk as instructed achieved score improvements of 7 points in 15 weeks, 636% higher than the US national average in 17% of the time.

1. Students must spend a minimum of 11 seconds working on a STEM questions, and 21 seconds on ELA questions to be considered 'engaged' in the question.
2. The ACT, 2016

Official College-Readiness Benchmarks by CollegeBoard®

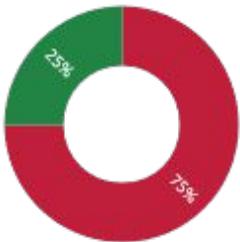


The SAT College and Career Readiness Benchmarks are a set of benchmark scores for each SAT exam section. Students Reading, Writing and Math benchmarks are considered college and career ready. 84% of students who participated in the ChalkTalk program improved by 1 or more grade levels, some improving by more than 2 grade levels.

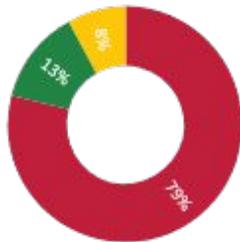
- [9 Students] improved their **English** skills by 2 grade levels.
- [2 Students] improved their **English** skills by 1 grade level.
- [8 Students] improved their **Reading** skills by 2 grade levels.
- [4 Students] improved their **Reading** skills by 1 grade level.
- [8 Student] improved their **Math** skills by 2 grade levels.
- [4 Student] improved their **Math** skills by 1 grade level.
- [9 Students] improved their **Science** skills by 2 grade levels.
- [5 Students] improved their **Science** skills by 1 grade level.

BEFORE CHALKTALK

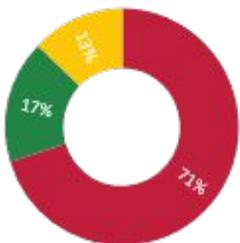
English Students Benchmarks



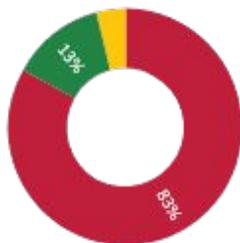
Reading Students Benchmarks



Math Students Benchmarks

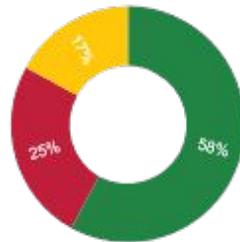


Science Students Benchmarks

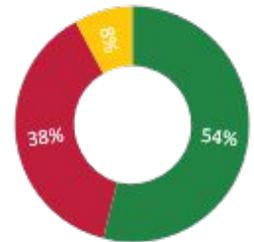


AFTER CHALKTALK

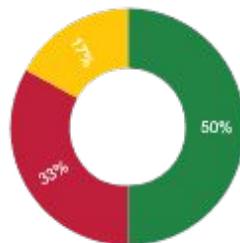
English Students Benchmarks



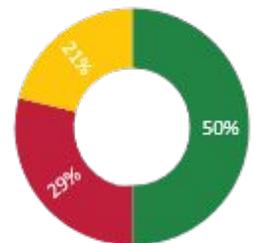
Reading Students Benchmarks



Math Students Benchmarks



Science Students Benchmarks



- : Student is behind by 2 grade levels.
- : Student is behind by 1 grade level.
- : Student meeting the benchmark of the current grade level