

# How to Calculate Academic Achievement Distinction Designations for Sample High School

Academic Achievement for Mathematics includes the following indicators for High Schools:

- Attendance rate
- Greater Than Expected Student Growth in Mathematics
- AP/IB Examination Participation in Mathematics
- AP/IB Examination Performance in Mathematics
- SAT/ACT Participation: Mathematics
- SAT Performance: Mathematics
- ACT Performance: Mathematics

- 1) Line up performance on the 40 campuses in the Sample High School campus comparison group (campuses most similar in size, percent economically disadvantaged, mobility rate, and percent English language learners) for each indicator, from highest to lowest.
- 2) Identify the top quartile (Q1) of performance for each indicator.
- 3) If Sample High School is in the top quartile on 33% or more of the indicators, the distinction is assigned.

Attendance	
Q1	97.2
Q2	96.2
Q3	95.2
Q4	94.2

Growth	
Q1	13
Q2	11
Q3	10
Q4	9

AP/IB Participation	
Q1	13.7
Q2	12.8
Q3	12.6
Q4	11.8

AP/IB Performance	
Q1	75.0
Q2	73.0
Q3	72.1
Q4	72.0

SAT/ACT Participation	
Q1	90.4
Q2	82.4
Q3	77.3
Q4	75.4

SAT Performance	
Q1	550
Q2	540
Q3	528
Q4	524

ACT Performance	
Q1	23.2
Q2	22.8
Q3	22.4
Q4	22.2

$4 \text{ of } 7 = 57\%$



Distinction Earned!

Perform the same analysis for performance in **Reading/ELA, Science, and Social Studies** to determine whether Sample HS achieved Academic Achievement Distinction Designations for those subjects.