

Derby High School



SAT Score Analysis

Derby Core Values

Foster a culture of **GRIT**

All **STUDENTS MATTER**

Meaningful **RELATIONSHIPS MATTER**

Improvement is a **SHARED RESPONSIBILITY**

Learning & Growth are **SUPPORTED**

Youth and **DIVERSITY** are celebrated



SAT SCORE ANALYSIS

CT SAT School Day - April 28, 2019

Number of Test Takers: 80

DHS (Grade 11) Score Average: 886

State Average: 1012

National Average: 973

SAT SCORE ANALYSIS

CT SAT School Day - April 28, 2019

Number of Test Takers: 80

DHS (Grade 11) Score Average ERW: 463

State Average ERW: 513

National Average ERW: 491

SAT SCORE ANALYSIS

CT SAT School Day - April 28, 2019

Number of Test Takers: 80

DHS (Grade 11) Score Average Math: 423

State Average Math: 499

National Average Math: 482

SAT SCORE ANALYSIS

Group	Number of Test Takers	Met Both Benchmarks ?	Met No Benchmarks ?	ERW Benchmark (480) ?	Math Benchmark (530) ?
School	80	14% Met Both	58% Met None	<div> <div>Met 43%</div> <div>Approaching 9%</div> <div>Strengthen Skills 49%</div> </div>	<div> <div>Met 14%</div> <div>Approaching 1%</div> <div>Strengthen Skills 85%</div> </div>
District ?	80	14% Met Both	58% Met None	<div> <div>Met 43%</div> <div>Approaching 9%</div> <div>Strengthen Skills 49%</div> </div>	<div> <div>Met 14%</div> <div>Approaching 1%</div> <div>Strengthen Skills 85%</div> </div>
State ?	37,179	39% Met Both	37% Met None	<div> <div>Met 61%</div> <div>Approaching 6%</div> <div>Strengthen Skills 32%</div> </div>	<div> <div>Met 40%</div> <div>Approaching 6%</div> <div>Strengthen Skills 53%</div> </div>
Total Group ?	960,843	30% Met Both	45% Met None	<div> <div>Met 53%</div> <div>Approaching 7%</div> <div>Strengthen Skills 40%</div> </div>	<div> <div>Met 33%</div> <div>Approaching 8%</div> <div>Strengthen Skills 60%</div> </div>

SAT SCORE ANALYSIS

2018 SAT Scores

Score Average: 910

State Average: 1018

National Average: 981

2019 SAT Scores

Score Average: 886

State Average: 1012

National Average: 973

SAT SCORE ANALYSIS

- **62.5% (40/64) of students showed growth from the spring PSAT to the Spring SAT.**
- **Students who completed the SAT prep course had an average score of 1012 (which is equal to the state average).**
- **Students who did not complete the SAT prep course has an average score of 871.**
- **Students who completed the SAT prep course had an average score that was 141 points higher than students who did not complete the course.**

SAT SCORE ANALYSIS

Cohort Growth Analysis ERW

Long-Term Growth: Table

Test	Test Takers	Students Who Took All Tests	Mean Evidence-Based Reading and Writing Score	Projected Mean Score*	Benchmark
PSAT 8/9 Spring 2017 (9th grade)	Not Tested				
PSAT 10 Spring 2018 (10th grade)	77	56	460	N/A	430
SAT Spring 2019 (11th grade)	79	56	470	480-520	480
SAT Fall 2019 (12th grade)	Not included in the report				

SAT SCORE ANALYSIS

Cohort Growth Analysis Math

Long-Term Growth: Table

Test	Test Takers	Students Who Took All Tests	Mean Math Score	Projected Mean Score*	Benchmark
PSAT 8/9 Spring 2017 (9th grade)	Not Tested				
PSAT 10 Spring 2018 (10th grade)	77	56	420	N/A	480
SAT Spring 2019 (11th grade)	79	56	440	410-470	530
SAT Fall 2019 (12th grade)	Not included in the report				

SAT SCORE ANALYSIS

2018-2019 SAT Prep Course:

- 18 students enrolled in course
- Average PSAT score (Spring 2018): 943
- Average SAT score (Spring 2019): 1012
- Average growth of 69 points

*Success Story: **Student A** utilized Khan Academy and enrolled in the SAT prep course. **Student A** started with a PSAT score of 670 (Oct. 2017) and ended with an SAT score of 1070 (Dec. 2019)*

SAT SCORE ANALYSIS

Next Steps:

- **For the 2019-2020 school year, two new math teachers were hired**
- **For the 2019-2020 school year, two new English teachers were hired**
- **Master schedule was revised to provide common planning time for departments**
- **Master schedule was revised to provide academic support for math and English courses (practical math, practical English and pre-algebra were not offered in the Program of Studies)**
- **Instructional coaching support provided for math department (ACES)**
- **Implementation of Connecticut Model Math Curriculum w/support from external consultant**
- **Implementation of HQI (High-Quality Instruction) model at DHS**