Vikings and the SAT

A brief summary of **ONE** Pathway.
The Platform, the Practice, and the Performance.

CREDITS
Earn credits toward a diploma designation.

- **Core 40**
  - Minimum 40 credits

- **Academic Honors**
  - Minimum 47 credits

- **Technical Honors**
  - Minimum 47 credits

- **General**
  - Minimum 40 credits
  - Core 40 opt-out conference required

EMPLOYABILITY SKILLS
Learn & Demonstrate Employability Skills

- Project-Based Learning: Allows students to gain knowledge and skills by working for an extended period of time to investigate and respond to an authentic, engaging, and complex question.

- Service-Based Learning: Integrates academic study with service experience, reflects larger social, economic, and societal issues, and collaborative efforts between students, schools, and community partners.

- Work-Based Learning: Activities that occur in a workplace while developing the student's skills, knowledge, and readiness for work.

- Work Products for a student's experience can include:

Videos	Five Year Goal Plan
Papers	Reflection of Experience
Resume	Letter of Recommendation
Dual Credit	Letter of Employment
Certifications	Verification
Portfolio	Post-secondary Related
Projects	Experiences
Slideshows	Skills List
Presentation	

POSTSECONDARY READY COMPETENCY
Meet one of the following:

- **Honors Diploma:** Academic or Technical
- **SAT:** Reading/Writing = 480 & Math = 530
- **ACT:** English = 18, Reading = 22, Math = 22, Science = 23 (Two out of Four Needed with at least 1 in English/Reading & 1 in Math/Science)
- **ASVAB:** Minimum score of 31
- **Industry Recognized Certification:** Must Be on DWD's Graduation Pathways Approved List
- **Apprenticeship:** Must Be Federally Recognized
- **CTE Concentrator:**
  Class of 2023-2024- C average or higher in at least 2 advanced HS courses in a state-approved CTE Pathway
  Class of 2025 and Beyond- C average or higher in Required NLPS Concentrator Courses in a state-approved CTE Pathway (Principles, Concentrator A, & Concentrator B)
- **AP/IB/Dual Credit/Cambridge International/CLEP:** C average or higher in 3 courses (1 of the 3 courses must be in a core content area or all 3 must be a part of a CTE pathway)
- **Locally Created Pathway:** Approved by SBOE

ONE Pathway

Data from the Class of 2023

Self-reported to College Board by our students on the "Exam Set Up"

70 students

21.1% of test takers indicated a plan to attend a four year college.

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102 students*

30.8% of seniors met <u>both</u> benchmarks   **superscore possible*

Source: SAT 2023 Cohort Report, Indiana GPS Dashboard

ONE Pathway

Definition of Meeting Benchmark

11th Grade ERW Benchmark Score: 480

The SAT Evidence-Based Reading and Writing (ERW) benchmark is associated with a 75% chance of earning at least a C in first-semester, credit-bearing, college-level courses in history, literature, social science, or writing.

11th Grade Math Benchmark Score: 530

The SAT Math benchmark is the section score associated with a 75% chance of earning at least a C in first-semester, credit-bearing, college-level courses in algebra, statistics, precalculus, or calculus.

A student who meets both benchmarks scores at least **1010.**
This would fulfill one (of several) graduation pathway options.

Digital SAT School Day Experience
"Junior Breakfast" prior to testing.

ERW *Part I* Mix of easy, medium, and hard questions	**ERW** *Part 2* Adapts based on Part I performance	**10 min Break**	**Math** *Part I* Mix of easy, medium, and hard questions.	**Math** *Part 2* Adapts based on Part I performance

64 min / 54 Questions   **70 min / 44 Questions**

Total Test Time: 2 hours 14 min

The Platform

<u>Scoring</u>:

- All test questions are correct or incorrect, with no penalty for guessing.

- The difficulty level and other qualities of each question (such as how well it differentiates skill level or how easy it is to guess on a question) are taken into account when calculating a student's score.

- This score is then converted to the reported scaled score of 200–800 for each of the sections (Math and EBW).

Practice

ERW Sample Question

17

Herbivorous sauropod dinosaurs could grow more than 100 feet long and weigh up to 80 tons, and some researchers have attributed the evolution of sauropods to such massive sizes to increased plant production resulting from high levels of atmospheric carbon dioxide during the Mesozoic era. However, there is no evidence of significant spikes in carbon dioxide levels coinciding with relevant periods in sauropod evolution, such as when the first large sauropods appeared, when several sauropod lineages underwent further evolution toward gigantism, or when sauropods reached their maximum known sizes, suggesting that _____.

Which choice most logically completes the text?

A) fluctuations in atmospheric carbon dioxide affected different sauropod lineages differently.

B) the evolution of larger body sizes in sauropods did not depend on increased atmospheric carbon dioxide.

C) atmospheric carbon dioxide was higher when the largest known sauropods lived than it was when the first sauropods appeared.

D) sauropods probably would not have evolved to such immense sizes if atmospheric carbon dioxide had been even slightly higher.

Practice

Math Sample Question

15

The equation $E(t) = 5(1.8)^t$ gives the estimated number of employees at a restaurant, where t is the number of years since the restaurant opened. Which of the following is the best interpretation of the number 5 in this context?

A) The estimated number of employees when the restaurant opened

B) The increase in the estimated number of employees each year

C) The number of years the restaurant has been open

D) The percent increase in the estimated number of employees each year

Practice

<u>Highlight</u>: February 21st Two Hour Delay

- **56 students** came at 7:15am (even earlier than a normal school day) for extra work instead of sleeping in.

- Cafeteria staff made a nice breakfast and students were able to eat while we worked.

- Math and English teachers were active around the room assisting students/groups.

- Performance data is strong for this group of students.

Performance

SAT

Your Score Report

Name:
Grade: **11**
Test administration: **SAT School Day Spring 2024**
Tested on: **Mar 6, 2024**
Record Locator:

SAT Scores

TOTAL SCORE

980 | 400–1600 | (42nd*)

Score Range: 940-1020
Average Score (all testers): 947

SECTION SCORES

Reading and Writing

510 | 200–800 | (47th*)

Your Score Range: 480-540
Average Score (all testers): 483

Math

470 | 200–800 | (38th*)

Your Score Range: 440-500
Average Score (all testers): 464

* Percentiles represent the percent of 12th grade test takers from the past 3 years who scored the same as or below you.

Score range: This is the range of scores you could possibly get if you took the SAT multiple times on different days.

Knowledge and Skills

View your performance across the 8 content domains measured on the SAT.

Reading and Writing

Information and Ideas
(26% of test section, 12-14 questions)

Craft and Structure
(28% of test section, 13-15 questions)

Expression of Ideas
(20% of test section, 8-12 questions)

Standard English Conventions
(26% of test section, 11-15 questions)

Math

Algebra
(35% of test section, 13-15 questions)

Advanced Math
(35% of test section, 13-15 questions)

Problem-Solving and Data Analysis
(15% of test section, 5-7 questions)

Geometry and Trigonometry
(15% of test section, 5-7 questions)

STATE PERFORMANCE

View the Indiana performance levels for each section in this test. For more information, go to https://www.in.gov/doe/students/assessment/high-school-assessment/#Additional_SAT_Resources_and_Guidance.

Reading and Writing: Level 3: At College-Ready Benchmark

Math: Level 2: Approaching College-Ready Benchmark

Performance

SAT Benchmark Breakdowns - EBR and Math

11th Grade SAT Benchmark Breakdown (317 TESTED)

	% Meeting BOTH Benchmarks	% Meeting ONE Benchmark	% Meeting NO Benchmarks
HNHS	29%	30%	41%
STATE	23%	29%	48%

11th Grade EBR Benchmark Breakdown (317 TESTED)

	Meets/Exceeds	Approaching	Not Yet Approaching
HNHS	58%	8%	34%
STATE	51%	6%	43%

11th Grade Math Benchmark Breakdown (317 TESTED)

	Meets/Exceeds	Approaching	Not Yet Approaching
HNHS	30%	6%	65%
STATE	24%	6%	70%

Performance

Students who attended optional 2/21 Two Hour Delay Study Session (56 students)

	Meets/Exceeds	Approaching	Not Yet Approaching
EBR	86% (48/56 students)	5% (3/56 students)	9% (5/56 students)
Math	54% (30/56 students)	11% (6/56 students)	35% (20/56 students)
	% Meeting BOTH Benchmarks	% Meeting ONE Benchmark	% Meeting NO Benchmarks
Study Session (56)	54% (30/56 students)	32% (18/56 students)	14% (8/56 students)
HNHS	29%	30%	41%
STATE	23%	29%	48%

Performance <mark>(NOT FINAL - does not include make-up window testers)</mark>

PSAT - FALL 2023

11th Grade PSAT Benchmark Breakdown (167 TESTED)

	% Meeting BOTH Benchmarks	% Meeting ONE Benchmark	% Meeting NO Benchmarks
HNHS	29%	38%	32%
STATE	25%	26%	49%

SAT Benchmark Breakdowns - EBR and Math

11th Grade SAT Benchmark Breakdown (317 TESTED)

	% Meeting BOTH Benchmarks	% Meeting ONE Benchmark	% Meeting NO Benchmarks
HNHS	29%	30%	41%
STATE	23%	29%	48%

Performance

SAT Bubble Score Students

96/317 (30.3%) Grade 11 Students that met ONE benchmark...			
93/317 (29.3%)	Met EBR Benchmark, but not Math		
3/317 (1%)	Met Math Benchmark, but not EBR		

12 Students scored a 470 on the EBR section. Benchmark is 480.

7 Students scored a 520 on the Math section. Benchmark is 530.

(If we get 9 of these students 10 more points, then HN "Meet Both Benchmarks" increases to 32%)

Closing Comments

Platform

Build quality student learning experiences, particularly in high-level classes.   Build tasks that are timed, require mental toughness, and force students to select <u>best</u> answer choices.

Practice

Build upon this year's well attended practice sessions. Revisit pro/con of our 11th graders "opting in" to the PSAT.

Performance

Define and maximize the potential of our programming.

Remember, this is <u>ONE</u> Pathway