Instructional Planning Report - 2021

Data Updated: October 14, 2021
Report Run: March 31, 2022

Fake High School (123456)

Calculus AB

3 Sections: Period 1 (T. Name); Period 3 (T. Name); Period 5 (T. Name)

Form 1 - A commonly administered version of the exam.

Filters Applied:

Teacher: No Selections
Attended / Instructed: All Students
Score: No Selections
Grade: No Selections

STUDENTS TAKING EXAM

YOUR GROUP	CA	GLOBAL
76	9,628	116,534

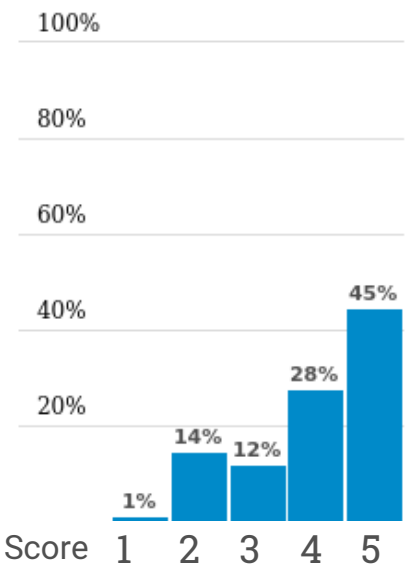
MEAN SCORE

YOUR GROUP	CA	GLOBAL
4.00	3.19	2.77

% SCORES 3 OR HIGHER

YOUR GROUP	CA	GLOBAL
84.2%	62.7%	51.5%

GROUP DISTRIBUTION



SCORE DISTRIBUTIONS

	YOUR GROUP		CA	GLOBAL
1	1 Students	1.3%	17.3%	23.2%
2	11 Students	14.5%	20.1%	25.3%
3	9 Students	11.8%	17.8%	19.5%
4	21 Students	27.6%	16.6%	15.2%
5	34 Students	44.7%	28.2%	16.8%

76 students total in your group

Multiple-Choice Performance

Reporting Category Type	Reporting Category	# of Questions	Mean Number of Correct Answers			Notes
			Group	State	Global	
UNITS	1: LIMITS AND CONTINUITY	5	3.2	2.7	2.5	Above State and Global
UNITS	2: DIFFERENTIATION: DEFINITION AND FUNDAMENTAL PROPERTIES	5	3.4	2.9	2.6	Above State and Global
UNITS	3: DIFFERENTIATION: COMPOSITE, IMPLICIT, AND INVERSE FUNCTIONS	4	⊘	⊘	⊘	⊘ <5 questions in content area
UNITS	4: CONTEXTUAL APPLICATIONS OF DIFFERENTIATION	5	3.8	3.1	2.9	Above State and Global
UNITS	5: ANALYTICAL APPLICATIONS OF DIFFERENTIATION	8	5.1	4.4	4.0	Above State and Global
UNITS	6: INTEGRATION AND ACCUMULATION OF CHANGE	8	5.5	4.4	3.8	Above State and Global
UNITS	7: DIFFERENTIAL EQUATIONS	5	2.8	2.5	2.2	Above State and Global
UNITS	8: APPLICATIONS OF INTEGRATION	5	3.0	2.7	2.3	Above State and Global
BIG IDEAS	1: CHANGE	11	7.4	6.5	5.9	Above State and Global
BIG IDEAS	2: LIMITS	7	5.0	4.0	3.7	Above State and Global
BIG IDEAS	3: ANALYSIS OF FUNCTIONS	27	17.0	14.3	12.7	Above State and Global
PRACTICES	1: IMPLEMENTING MATHEMATICAL PROCESSES	28	18.0	15.2	13.4	Above State and Global
PRACTICES	2: CONNECTING REPRESENTATIONS	11	8.3	7.2	6.7	Above State and Global
PRACTICES	3: JUSTIFICATION	6	3.0	2.5	2.2	Above State and Global
CALCULATOR USE	PART A: CALCULATOR NOT PERMITTED	30	19.6	16.3	14.5	Above State and Global
CALCULATOR USE	PART B: CALCULATOR PERMITTED BUT NOT REQUIRED	9	5.8	5.0	4.6	Above State and Global
CALCULATOR USE	PART B: CALCULATOR REQUIRED	6	3.9	3.5	3.2	Above State and Global
	SUMMARY		35.2	29.8	26.8	Above State and Global

Free-Response Performance

Question	Max Score	Mean			Notes
		Group	State	Global	
QUESTION 1: MODELING - RIEMANN SUM-AVERAGE VALUE - AB & BC	9	3.0	2.5	2.0	Above State and Global
QUESTION 2: PARTICLE MOTION - POSITION-ACCELERATION-DISTANCE	9	4.4	3.3	2.7	Above State and Global
QUESTION 3: AREA-VOLUME - DISC METHOD - AB & BC	9	3.1	2.2	1.5	Above State and Global
QUESTION 4: GRAPHICAL ANALYSIS - L HOSPITAL-MVT - AB & BC	9	5.8	3.8	3.1	Above State and Global
QUESTION 5: IMPLICIT DIFFERENTIATION - TANGENT LINE	9	5.1	3.5	2.7	Above State and Global
QUESTION 6: MODELING WITH DIFF EQ - SEPARATION OF VARIABLES	9	3.5	2.4	1.8	Above State and Global
SUMMARY		24.9	17.7	13.9	Above State and Global