Instructional Planning Report - 2019

Data Updated: March 18, 2020
Report Run: March 04, 2021

John Jay High School (446156)

Calculus AB

1 Section: All Students (No Teacher Assigned)

Form 1 - A commonly administered version of the exam given on the regularly scheduled testing date.

Filters Applied:

Score: No Selections
Grade: No Selections

STUDENTS TAKING EXAM

YOUR GROUP	TX	GLOBAL
27	25,086	280,387

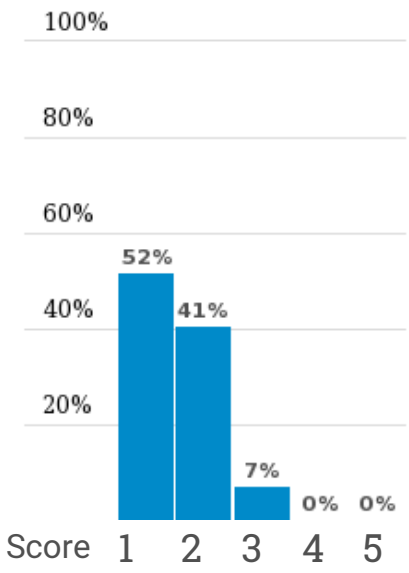
MEAN SCORE

YOUR GROUP	TX	GLOBAL
1.56	2.56	2.95

% SCORES 3 OR HIGHER

YOUR GROUP	TX	GLOBAL
7.4%	45.6%	57.9%

GROUP DISTRIBUTION



SCORE DISTRIBUTIONS

	YOUR GROUP		TX	GLOBAL
1	14 Students	51.9%	29.4%	18.6%
2	11 Students	40.7%	25.0%	23.5%
3	2 Students	7.4%	18.6%	20.7%
4	0 Students	- -	14.5%	18.6%
5	0 Students	- -	12.4%	18.5%

27 students total in your group

Multiple-Choice Performance

Reporting Category	# of Questions	Mean Number of Correct Answers			Notes
		Group	State	Global	
BIG IDEA 1: LIMITS (EU 1.1, 1.2)	5	2.4	2.5	2.7	
BIG IDEA 2: DETERMINING DERIVATIVES (EU 2.1)	8	2.9	3.9	4.3	
BIG IDEA 2: DERIVATIVES AS FUNCTIONS (EU 2.2)	6	2.0	2.7	2.9	
BIG IDEA 2: INTERPRETATIONS AND APPLICATIONS OF DERIVATIVES (EU 2.3)	10	4.2	5.2	5.6	
BIG IDEA 2: APPLYING THE MEAN VALUE THEOREM (EU 2.4)	1	⊘	⊘	⊘	⊘ <5 questions in content area
BIG IDEA 3: ESTIMATING AND DETERMINING INTEGRALS (EU 3.1, 3.2, 3.3)	8	2.7	3.9	4.3	
BIG IDEA 3: INTERPRETING AND APPLYING INTEGRALS (EU 3.4, 3.5)	7	2.1	3.1	3.4	
MPAC 1: REASONING WITH DEFINITIONS AND THEOREMS	11	4.1	5.2	5.7	
MPAC 2: CONNECTING CONCEPTS	26	9.3	12.3	13.5	
MPAC 3: IMPLEMENTING ALGEBRAIC/COMPUTATIONAL PROCESSES	29	10.0	13.6	15.2	
MPAC 4: CONNECTING MULTIPLE REPRESENTATIONS	10	5.0	5.5	5.9	
MPAC 5: BUILDING NOTATIONAL FLUENCY	14	4.9	6.9	7.8	
MPAC 6: COMMUNICATING	0	⊘	⊘	⊘	⊘ <5 questions in content area
SKILL: APPROXIMATE VALUES AND FUNCTIONS	4	⊘	⊘	⊘	⊘ <5 questions in content area
SKILL: SELECT AND APPLY PROCEDURES FOR LIMITS AND DERIVATIVES	9	3.0	4.4	4.9	
SKILL: SELECT AND APPLY PROCEDURES FOR INTEGRALS	8	2.6	4.0	4.5	
SKILL: ESTABLISH CONDITIONS FOR DEFINITIONS AND THEOREMS	3	⊘	⊘	⊘	⊘ <5 questions in content area
SKILL: JUSTIFY PROPERTIES AND BEHAVIORS OF FUNCTIONS	7	2.0	3.1	3.3	
SKILL: INTERPRETING CONTEXT	2	⊘	⊘	⊘	⊘ <5 questions in content area
SKILL: ANALYZING PROBLEMS IN CONTEXT	11	3.9	5.1	5.6	
SKILL: INTERPRETING NOTATIONAL EXPRESSION	1	⊘	⊘	⊘	⊘ <5 questions in content area
PART A (NO CALCULATOR)	30	10.1	13.8	15.2	
PART B (CALCULATOR)	15	6.5	7.9	8.7	

PART B (CALCULATOR ACTIVE)	6	2.3	3.0	3.3	
SUMMARY		19.9	26.1	28.8	

Free-Response Performance

Question	Max Score	Mean			Notes
		Group	State	Global	
QUESTION 1: MODELING RATES (EU 2.2, 3.3, 3.4)-AB & BC	9	1.6	3.2	3.7	
QUESTION 2: PARTICLE MOTION (EU 1.2, 2.2, 2.3, 2.4, 3.2, 3.4)	9	0.9	2.3	2.8	
QUESTION 3: GRAPHICAL ANALYSIS OF F/FTC (EU 1.1, 2.2, 3.2, 3.3)-AB & BC	9	0.9	2.1	2.7	
QUESTION 4: MODELING WITH SEPARABLE DIFFERENTIAL EQUATION (EU 2.1, 2.2, 2.3, 3.5)-AB & BC	9	0.3	1.4	1.8	
QUESTION 5: AREA/VOLUME (EU 3.3, 3.4)	9	1.3	2.5	3.2	
QUESTION 6: ANALYSIS OF FUNCTIONS WITH L'HOSPITAL AND SQUEEZE (EU 1.1, 1.2, 2.1, 2.2, 2.3)	9	0.9	2.3	2.8	
SUMMARY		5.9	13.7	17.1	