

Marie Izquierdo, Chief Academic Officer
Office of Academics and Transformation

**SUBJECT: REQUEST SCHOOL BOARD APPROVAL AND ADOPTION
RECOMMENDED INSTRUCTIONAL MATERIALS FOR 9-12
MATH AND ADVANCED PLACEMENT FOR THE 2019-20
SCHOOL YEAR**

**COMMITTEE: ACADEMICS, INNOVATION, EVALUATION AND
TECHNOLOGY**

**LINK TO STRATEGIC
BLUEPRINT: RELEVANT, RIGOROUS, AND INNOVATIVE ACADEMICS**

In accordance with Florida Statute 1006.40(4), school boards must approve and adopt instructional materials prior to purchase. A public review was made available via the School Board's website beginning on April 11, 2019, and a public hearing to receive public comment at the School Board meeting was held on May 1, 2019. Instructional materials were selected in compliance with School Board Policy 2510 and the School Board's instructional materials adoption procedures.

The instructional materials recommended for School Board approval and adoption are as follows:

Course Title	Grade Level	Series Title	Publisher
Advanced Topics in Math, Mathematical Analysis, Trigonometry	9-12	<i>Algebra and Trigonometry, Larson, R., 2018, 10th edition</i>	Cengage Learning
Calculus	9-12	<i>Calculus for AP[®], Larson, R. and Battaglia, P., 2017, 1st edition</i>	Cengage Learning
Math for College Readiness	9-12	<i>College Prep Algebra: Math for College Readiness, Florida Edition, Larson, R., 2020, 2nd edition</i>	Cengage Learning
PreCalculus	9-12	<i>Precalculus, Blitzer, R. F., 2018, 6th edition</i>	Pearson Education, Inc.
Probability and Statistics with Applications	9-12	<i>Elementary Statistics: Picturing the World, Larson, R. and Farber, B., 2019, 7th edition</i>	Pearson Education, Inc.

AP Calculus AB and AP Calculus BC	9-12	<i>Calculus for the AP® Course, Sullivan, M. and Miranda, K., 2017, 2nd edition</i>	Bedford, Freeman & Worth
AP Environmental Science	9-12	<i>Exploring Environmental Science for AP®, Miller Jr., G. T., and Spoolman, S., 2019, 1st edition</i>	Cengage Learning
AP Physics 1	9-12	<i>College Physics for the AP® Physics 1 Course, Stewart et al, 2019, 2nd edition</i>	Bedford, Freeman & Worth
AP Statistics	9-12	<i>The Practice of Statistics, Starnes, D. S., and Tabor, J., 2018, 6th edition</i>	Bedford, Freeman & Worth

A parent of a public school student in the District or a resident of the county, as defined by Florida Statutes, may file an objection to the adoption of a specific instructional material with the Clerk of the Board by June 7, 2019, in order to contest the adoption.

Implementation of the adopted materials will commence during the 2019-2020 school year, as budget permits.

RECOMMENDED: That The School Board of Miami-Dade County, Florida, approve and adopt recommended instructional materials for 9-12 Math and Advanced Placement for the 2019-2020 school year.

MI/SJD/km