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**THREE VILLAGE CENTRAL SCHOOL DISTRICT  
Setauket, New York**

**BOARD OF EDUCATION AGENDA MATERIALS**

**DATE OF BOARD MEETING: JANUARY 17, 2018      DATE MATERIAL SUBMITTED 1/12/18**

**OFFICE OF ORIGIN: EDUCATIONAL SERVICES      CATEGORY OF ITEM: ACTION**

**TITLE:      2018-2019 New Courses and Course Name Changes Request**

**STAFF RECOMMENDATION:**

Accept the changes.

**BACKGROUND RATIONALE:**

The Curriculum Development Council with recommendations for additions/revisions for the 2018-2019 school year has reviewed the attached report.

***NOT AN OFFICIAL RECORD; SUBJECT TO CHANGE***

THREE VILLAGE CENTRAL SCHOOL DISTRICT  
Office of Curriculum Instruction  
New Course Proposals

Dept.	New/ Revision	Grade	Level	Name	Description	Rationale	Staff	Costs	Curr Proj	NCAA	Chair/ Presenter	CDC Approved
Math	NYSED Required	10	R H	Geometry	Students will establish triangle congruence criteria and use this as a foundation for formal proof, extending to theorems on quadrilaterals and other polygons. Students will develop and explore criteria for similarity of triangles, using it to solve problems and understand right triangle trigonometry. Special right triangles, Pythagorean Theorem, and the Laws of Sines and Cosines will all be explored. Student will informally explain circumference, area, and volume and consider shapes of cross-sections and the result of rotating a two-dimensional object about a line. Students will prove basic theorems about circles, tangents, secants, chords and angle measures. They will use coordinates to prove simple geometric theorems algebraically. Students will compute and interpret theoretical and experimental probabilities for compound events, including those that are mutually exclusive, independent, and conditional.	This course replaces the previous NYS Geometry course and aligns to the CCLS.	No	Approx. 800 textbooks @ \$50 = \$40,000	Yes		McNamara/ Vetro	YES
Math	NYSED Required	9	R H	Algebra I	Students will analyze and explain the process of solving an equation, developing fluency writing, interpreting, and translating between various forms of linear equations, systems of equations, and inequalities. Students will create and solve equations, inequalities, and systems of equations involving quadratic expressions. Students will explore many examples of functions and sequences to compare and contrast linear and exponential functions. They will use regression techniques and graphical representations to judge the appropriateness of linear models. Students will interpret linear, quadratic, exponential, absolute value, step and piecewise functions and use these to model phenomena.	This course is a State requirement for graduation and will replace the previous Integrated Algebra course in alignment with the CCLS.	No	Approx. 800 textbooks @ \$50 = \$40,000	Yes		McNamara/ Vetro	YES

THREE VILLAGE CENTRAL SCHOOL DISTRICT  
Office of Curriculum Instruction  
New Courses Course Name Changes Request for 2018-2019

Dept.	Grade	Level	Original Name*	New Name/New Course	Rationale	NCAA	Chair/Lead	CDC Approved
Special Education	11	R	General Math 11	Algebra/Geometry	With the new Multiple Pathways to Diplomas, the grade designations for courses needs to be removed to allow for greater flexibility in planning students' schedules.	No	Mason	Yes
Special Education	12	R	General Math 12	Consumer Math	With the new Multiple Pathways to Diplomas, the grade designations for courses needs to be removed to allow for greater flexibility in planning students' schedules.	No	Mason	Yes
Special Education	12	R	Senior English	Writing & Literature	With the new Multiple Pathways to Diplomas, the grade designations for courses needs to be removed to allow for greater flexibility in planning students' schedules.	No	Mason	Yes

\*N/A=new course proposal