York Public Schools

Math, Trigonometry

STRAND	STANDARD	OBJECTIVES (What it looks like in the classroom) The learner will	# OF DAYS NEEDED FOR MASTERY	DATES TAUGHT	DATE ASSESSED	ASSESSME NT TYPE (classroom, STAR, objective, subjective, project, etc.)	RESOURCES (Materials, web sites, auto- visual, print)	LEARNING ACTIVITIES
		The learner will apply right triangle trigonometry to solve problems.	5-10	Februar y	Februar y	Classroom	Textbook	
		The learner will evaluate the trigonometric functions for real numbers.				Classroom	Textbook	
		The learner will express angles in both degree and radian measure.	2-3 days	January	January	Classroom	Textbook	
		The learner will determine the trigonometric functions of angles in standard position.	3-5 days	January	January	Classroom	Textbook	
		The learner will find exact values for trigonometric functions.	5-10 days	January	January	Classroom	Textbook	
		The learner will apply trigonometric problems to real-life situations.	10-20 days	April	April	Classroom	Textbook	

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		The learner will define the six trigonometric functions.	2-3 days	January	January	Classroom	Textbook	
		The learner will depict graphically the six trigonometric functions.	3-5 days	Februar y	Februar y	Classroom	Textbook	
		The learner will apply the law of sines and the law of cosines.	5-10 days	April	April	Classroom	Textbook	
		The learner will evaluate the arc trig functions.	3-5 days	Februar y	Februar y	Classroom	Textbook	
		The learner will solve trigonometric equations.	5-10 days	March	March	Classroom	Textbook	
		The learner will verify trigonometric identities.	5-10 days	March	March	Classroom	Textbook	

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