

EdGate Aligned Content
 Grades: 9
 States: Common Core State Standards

Sums of Vectors and Their Properties
 Common Core State Standards

Mathematics
 Grade: 9 - Adopted 2010

EdGate Correlation Services Content Unit Report Sample

STRAND / DOMAIN	CCSS.Math.Content.HSN	Number and Quantity
CATEGORY / CLUSTER	CCSS.Math.Content.HSN-VM	Vector and Matrix Quantities
STANDARD	CCSS.Math.Content.HSN-VM.A	Represent and model with vector quantities.
EXPECTATION	CCSS.Math.Content.HSN-VM.A.1	(+) Recognize vector quantities as having both magnitude and direction. Represent vector quantities by directed line segments, and use appropriate symbols for vectors and their magnitudes (e.g., v , $ v $).
EXPECTATION	CCSS.Math.Content.HSN-VM.A.2	(+) Find the components of a vector by subtracting the coordinates of an initial point from the coordinates of a terminal point.
EXPECTATION	CCSS.Math.Content.HSN-VM.A.3	(+) Solve problems involving velocity and other quantities that can be represented by vectors.

Triangle Inequalities

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STRAND / DOMAIN	CCSS.Math.Content.HSG	Geometry
CATEGORY / CLUSTER	CCSS.Math.Content.HSG-CO	Congruence
STANDARD	CCSS.Math.Content.HSG-CO.C	Prove geometric theorems
EXPECTATION	CCSS.Math.Content.HSG-CO.C.10	Prove theorems about triangles. Theorems include: measures of interior angles of a triangle sum to 180° ; base angles of isosceles triangles are congruent; the segment joining midpoints of two sides of a triangle is parallel to the third side and half the length; the medians of a triangle meet at a point.