MCV4U Ontario Educational Resources Bank (OERB) Activities

Derivatives and Their Applications	
Activity	Description
	Practise computing derivatives by completing a set of multiple choice questions dealing with the derivative rules applied to polynomial, trigonometric, and exponential functions.
Identifying Derivatives Identifying Derivatives Investigation Choose the type of function. Couleting Countries Countr	Build understanding of the derivative function for polynomials by using an applet that generates graphs from the slope values at various points while sliding along the curve. Practise connecting the graph of a polynomial to the graph of its derivative function by completing a matching quiz.
Resource ID: ELO1081450 Geometry and Al	gobra of Voctors
Activity	Description
Adding Victor's Vectors Sometimes we may must to determine the component vectors. That is, determine what vectors were added together to arrive at the resultant vector. Exemple: Victor must push a whealtherness up a ramp that is at an angle of 15° above horizontal. If it these a force of 200 ht push the loaded whealtherness up the ramp what are the vertical at horizontal components of this force? In other words, what is the upward force and what is the horizontal force.	Build understanding of vector addition by viewing an interactive tutorial showing a number of worked examples of real-life applications. Practise applying this knowledge by solving similar vector addition problems.
Resource ID: ELO1178320	

MCV4U Ontario Educational Resources Bank (OERB) Activities

Geometry and Algebra of Vectors (continued)	
Activity	Description
Vector Connector The Vector Additionator ABCD is a parallelegaren. The paints E. F. G. and H are indiposited of their respective first supersective first supersect	Practise identifying equivalent, parallel and equal magnitude vectors by completing an interactive quiz after an interactive review of
Resource ID: ELO1080050	these topics.