

Smart Skies			
2005 Science			
Content Standards			
Hawaii Science			
Grade 6			
Activity/Lesson	State	Standards	
Fly by Math	HI	SCI.6.SC.6.1.2	Use appropriate tools, equipment, and techniques safely to collect, display, and analyze data
Fly by Math	HI	SCI.6.SC.6.7.1	Describe examples of how forces affect an object's motion
Smart Skies			
2005 Science			
Content Standards			
Hawaii Science			
Grades 9-12 (Physical Science)			
Activity/Lesson	State	Standards	
Fly by Math	HI	SCI.9-12.SC.PS.7.1	Apply the laws of motion to determine the effects of forces on the linear motion of objects
Fly by Math	HI	SCI.9-12.SC.PS.7.2	Use vectors to explain force and motion
Line Up with Math	HI	SCI.9-12.SC.PS.7.2	Use vectors to explain force and motion
Smart Skies			
2005 Science			
Content Standards			
Hawaii Science			
Grades 9-12 (Physics)			
Activity/Lesson	State	Standards	
Fly by Math	HI	SCI.9-12.SC.PH.4.4	Analyze motion in terms of position, time, velocity and acceleration, both quantitatively and qualitatively
Fly by Math	HI	SCI.9-12.SC.PH.4.7	Resolve two dimensional vectors into their components, and use the resultant vectors to solve problems involving force and motion, both graphically and quantitatively
Line Up with Math	HI	SCI.9-12.SC.PH.4.4	Analyze motion in terms of position, time, velocity and acceleration, both quantitatively and qualitatively