Flight-Testing Newton's Laws			
2003 Mathematics			
Course of Study			
Alabama Mathematics			
Grades 9-12 (Algebra I)			
Activity/Lesson	**State**	**Standards**	
Session-10 (1-5)	AL	MA.9-12.11.1	Applying formulas to solve word problems
Session-1 (1-17)	AL	MA.9-12.7.3	Modeling real-world problems by developing and solving equations and inequalities, including those involving direct and inverse variation
Session-1 (1-17)	AL	MA.9-12.8.1	Modeling real-world problems by developing and solving systems of linear equations and inequalities
Session-2 (1-10)	AL	MA.9-12.7.2	Graphing the solution of an equation or inequality

Flight-Testing Newton's Laws			
2003 Mathematics			
Course of Study			
Alabama Mathematics			
Grades 9-12 (Algebra II)			
Activity/Lesson	**State**	**Standards**	
Session-5 (1-6)	AL	MA.9-12.7.2	Expressing the solution of an equation, inequality, or applied problem as a graph on a number line or by using set or interval notation
Session-6 (1-8)	AL	MA.9-12.3.1	Identifying the domain and range of a relation given its graph, a table of values, or its equation, including those with restricted domains
Session-6 (1-8)	AL	MA.9-12.5.2	Graphing a function when given its equation
Session-6 (1-8)	AL	MA.9-12.6.2	Performing operations on polynomial and rational expressions containing variables

Flight-Testing Newton's Laws			
2003 Mathematics			
Course of Study			
Alabama Mathematics			
Grades 9-12 (Algebra II with Trigonometry)			
Activity/Lesson	**State**	**Standards**	
Session-2 (1-10)	AL	MA.9-12.5.2	Graphing a function when given its equation
Session-2 (1-10)	AL	MA.9-12.5.4	Applying functions to real-world problems
Session-4 (1-11)	AL	MA.9-12.5.1	Generating an equation when given its roots or graph
Session-4 (1-11)	AL	MA.9-12.5.2	Graphing a function when given its equation