

Flight-Testing Newton's Laws			
2000 Mathematics			
Curriculum Frameworks			
Massachusetts Mathematics			
Grades 9-10			
Activity/Lesson	State	Standards	
Session-10 (1-5)	MA	MA.9-10.10.P.8	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-10 (1-5)	MA	MA.9-10.AI.P.4	Translate between different representations of functions and relations: graphs, equations, point sets, and tabular.
Session-10 (1-5)	MA	MA.9-10.AI.P.12	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-1 (1-17)	MA	MA.9-10.10.P.8	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-1 (1-17)	MA	MA.9-10.AI.P.12	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-2 (1-10)	MA	MA.9-10.10.P.8	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-2 (1-10)	MA	MA.9-10.AI.P.4	Translate between different representations of functions and relations: graphs, equations, point sets, and tabular.
Session-2 (1-10)	MA	MA.9-10.AI.P.12	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.

Session-3 (1-6)	MA	MA.9-10.10.P.8	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-3 (1-6)	MA	MA.9-10.AI.P.12	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-4 (1-11)	MA	MA.9-10.10.P.8	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-4 (1-11)	MA	MA.9-10.AI.P.4	Translate between different representations of functions and relations: graphs, equations, point sets, and tabular.
Session-4 (1-11)	MA	MA.9-10.AI.P.12	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-5 (1-6)	MA	MA.9-10.10.P.8	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-5 (1-6)	MA	MA.9-10.AI.P.4	Translate between different representations of functions and relations: graphs, equations, point sets, and tabular.
Session-5 (1-6)	MA	MA.9-10.AI.P.12	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-6 (1-8)	MA	MA.9-10.10.P.8	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-6 (1-8)	MA	MA.9-10.AI.P.4	Translate between different representations of functions and relations: graphs, equations, point sets, and tabular.

Session-6 (1-8)	MA	MA.9-10.AI.P.12	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-7 (1-5)	MA	MA.9-10.10.P.8	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-7 (1-5)	MA	MA.9-10.AI.P.4	Translate between different representations of functions and relations: graphs, equations, point sets, and tabular.
Session-7 (1-5)	MA	MA.9-10.AI.P.12	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-8 (1-9)	MA	MA.9-10.10.P.8	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-8 (1-9)	MA	MA.9-10.AI.P.12	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-9 (1-7)	MA	MA.9-10.10.P.8	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
Session-9 (1-7)	MA	MA.9-10.AI.P.12	Solve everyday problems that can be modeled using systems of linear equations or inequalities. Apply algebraic and graphical methods to the solution. Use technology when appropriate. Include mixture, rate, and work problems.
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Massachusetts Mathematics			
Grades 11-12			
Activity/Lesson	State	Standards	

Session-8 (1-9)	MA	MA.11-12.12.G.4	Relate geometric and algebraic representations of lines, simple curves, and conic sections.
Session-8 (1-9)	MA	MA.11-12.All.G.3	Relate geometric and algebraic representations of lines, simple curves, and conic sections.