

Flight-Testing Newton's Laws			
2000 Mathematics			
Model Academic Standards			
Wisconsin Mathematics			
Grades 9-12			
Activity/Lesson	State	Standards	
Session-10 (1-5)	WI	MA.9-12.D.12.1	Identify, describe, and use derived attributes (e.g., density, speed, acceleration, pressure) to represent and solve problem situations
Session-10 (1-5)	WI	MA.9-12.F.12.2.c	Use mathematical functions (e.g., linear, exponential, quadratic, power) in a variety of ways, including describing the relationships among variable quantities in a problem
Session-1 (1-17)	WI	MA.9-12.D.12.1	Identify, describe, and use derived attributes (e.g., density, speed, acceleration, pressure) to represent and solve problem situations
Session-1 (1-17)	WI	MA.9-12.F.12.4	Model and solve a variety of mathematical and real-world problems by using algebraic expressions, equations, and inequalities
Session-2 (1-10)	WI	MA.9-12.F.12.4	Model and solve a variety of mathematical and real-world problems by using algebraic expressions, equations, and inequalities
Session-3 (1-6)	WI	MA.9-12.D.12.1	Identify, describe, and use derived attributes (e.g., density, speed, acceleration, pressure) to represent and solve problem situations
Session-3 (1-6)	WI	MA.9-12.F.12.4	Model and solve a variety of mathematical and real-world problems by using algebraic expressions, equations, and inequalities
Session-4 (1-11)	WI	MA.9-12.F.12.4	Model and solve a variety of mathematical and real-world problems by using algebraic expressions, equations, and inequalities
Session-5 (1-6)	WI	MA.9-12.D.12.1	Identify, describe, and use derived attributes (e.g., density, speed, acceleration, pressure) to represent and solve problem situations
Session-5 (1-6)	WI	MA.9-12.F.12.4	Model and solve a variety of mathematical and real-world problems by using algebraic expressions, equations, and inequalities
Session-6 (1-8)	WI	MA.9-12.D.12.1	Identify, describe, and use derived attributes (e.g., density, speed, acceleration, pressure) to represent and solve problem situations
Session-6 (1-8)	WI	MA.9-12.F.12.4	Model and solve a variety of mathematical and real-world problems by using algebraic expressions, equations, and inequalities
Session-7 (1-5)	WI	MA.9-12.F.12.2.c	Use mathematical functions (e.g., linear, exponential, quadratic, power) in a variety of ways, including describing the relationships among variable quantities in a problem
Session-7 (1-5)	WI	MA.9-12.F.12.4	Model and solve a variety of mathematical and real-world problems by using algebraic expressions, equations, and inequalities

Session-8 (1-9)	WI	MA.9-12.F.12.2.c	Use mathematical functions (e.g., linear, exponential, quadratic, power) in a variety of ways, including describing the relationships among variable quantities in a problem
Session-8 (1-9)	WI	MA.9-12.F.12.4	Model and solve a variety of mathematical and real-world problems by using algebraic expressions, equations, and inequalities
Session-9 (1-7)	WI	MA.9-12.D.12.1	Identify, describe, and use derived attributes (e.g., density, speed, acceleration, pressure) to represent and solve problem situations
Session-9 (1-7)	WI	MA.9-12.F.12.4	Model and solve a variety of mathematical and real-world problems by using algebraic expressions, equations, and inequalities