

<b>Flight-Testing Newton's Laws</b>			
<b>2002 Science</b>			
<b>Priority Academic Student Skills</b>			
<b>Oklahoma Science</b>			
<b>Grades 9-12 (Physical Science)</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
Session-10 (1-5)	OK	SCI.9-12.B.2.1	Objects change their motion only when a net force is applied. Laws of motion are used to determine the effects of forces on the motion of objects.
Session-1 (1-17)	OK	SCI.9-12.B.2.1	Objects change their motion only when a net force is applied. Laws of motion are used to determine the effects of forces on the motion of objects.
Session-2 (1-10)	OK	SCI.9-12.B.2.1	Objects change their motion only when a net force is applied. Laws of motion are used to determine the effects of forces on the motion of objects.
Session-3 (1-6)	OK	SCI.9-12.B.2.1	Objects change their motion only when a net force is applied. Laws of motion are used to determine the effects of forces on the motion of objects.
Session-4 (1-11)	OK	SCI.9-12.B.2.1	Objects change their motion only when a net force is applied. Laws of motion are used to determine the effects of forces on the motion of objects.
Session-5 (1-6)	OK	SCI.9-12.B.2.1	Objects change their motion only when a net force is applied. Laws of motion are used to determine the effects of forces on the motion of objects.
Session-6 ( 1-8)	OK	SCI.9-12.B.2.1	Objects change their motion only when a net force is applied. Laws of motion are used to determine the effects of forces on the motion of objects.
Session-7 (1-5)	OK	SCI.9-12.B.2.1	Objects change their motion only when a net force is applied. Laws of motion are used to determine the effects of forces on the motion of objects.
Session-8 (1-9)	OK	SCI.9-12.B.2.1	Objects change their motion only when a net force is applied. Laws of motion are used to determine the effects of forces on the motion of objects.
Session-9 (1-7)	OK	SCI.9-12.B.2.1	Objects change their motion only when a net force is applied. Laws of motion are used to determine the effects of forces on the motion of objects.
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<b>Grades 9-12 (Physics)</b>			

Activity/Lesson	State	Standards	
Session-10 (1-5)	OK	SCI.9-12.B.1.1	Objects change their motion only when a net force is applied. Newton's laws of motion are used to calculate precisely the effects of forces on the motion of objects.
Session-10 (1-5)	OK	SCI.9-12.B.1.2	Gravitation is a universal force that each mass exerts on any other mass. The strength of the gravitational attractive force between two masses is proportional to the masses and inversely proportional to the square of the distance between them.
Session-1 (1-17)	OK	SCI.9-12.B.1.1	Objects change their motion only when a net force is applied. Newton's laws of motion are used to calculate precisely the effects of forces on the motion of objects.
Session-2 (1-10)	OK	SCI.9-12.B.1.1	Objects change their motion only when a net force is applied. Newton's laws of motion are used to calculate precisely the effects of forces on the motion of objects.
Session-2 (1-10)	OK	SCI.9-12.B.1.2	Gravitation is a universal force that each mass exerts on any other mass. The strength of the gravitational attractive force between two masses is proportional to the masses and inversely proportional to the square of the distance between them.
Session-3 (1-6)	OK	SCI.9-12.B.1.1	Objects change their motion only when a net force is applied. Newton's laws of motion are used to calculate precisely the effects of forces on the motion of objects.
Session-4 (1-11)	OK	SCI.9-12.B.1.1	Objects change their motion only when a net force is applied. Newton's laws of motion are used to calculate precisely the effects of forces on the motion of objects.
Session-5 (1-6)	OK	SCI.9-12.B.1.1	Objects change their motion only when a net force is applied. Newton's laws of motion are used to calculate precisely the effects of forces on the motion of objects.
Session-6 ( 1-8)	OK	SCI.9-12.B.1.1	Objects change their motion only when a net force is applied. Newton's laws of motion are used to calculate precisely the effects of forces on the motion of objects.
Session-7 (1-5)	OK	SCI.9-12.B.1.1	Objects change their motion only when a net force is applied. Newton's laws of motion are used to calculate precisely the effects of forces on the motion of objects.
Session-7 (1-5)	OK	SCI.9-12.B.1.2	Gravitation is a universal force that each mass exerts on any other mass. The strength of the gravitational attractive force between two masses is proportional to the masses and inversely proportional to the square of the distance between them.

Session-8 (1-9)	OK	SCI.9-12.B.1.1	Objects change their motion only when a net force is applied. Newton's laws of motion are used to calculate precisely the effects of forces on the motion of objects.
Session-9 (1-7)	OK	SCI.9-12.B.1.1	Objects change their motion only when a net force is applied. Newton's laws of motion are used to calculate precisely the effects of forces on the motion of objects.