

Learning to Fly: The Wright Brother's Adventure			
2007 Science			
Model Content Standards			
Colorado Science			
Grades 6-8			
Activity/Lesson	State	Standards	
The Society	CO	SCI.6-8.5.3	contributions to the advancement of science have been made by people in different cultures and at different times in history
Wright Brothers: 1900 Glider	CO	SCI.6-8.2.7	quantities (for example: time, distance, mass, force) that characterize moving objects and their interactions within a system (for example, force, speed, velocity, potential energy, kinetic energy) can be described, measured and calculated
Meet the Wrights	CO	SCI.6-8.1.6	communicate results of their investigations in appropriate ways (for example: written reports, graphic displays, oral presentations)
Meet the Wrights	CO	SCI.6-8.5.3	contributions to the advancement of science have been made by people in different cultures and at different times in history
1900: Kitty Hawks	CO	SCI.6-8.1.6	communicate results of their investigations in appropriate ways (for example: written reports, graphic displays, oral presentations)
1900: Kitty Hawks	CO	SCI.6-8.2.7	quantities (for example: time, distance, mass, force) that characterize moving objects and their interactions within a system (for example, force, speed, velocity, potential energy, kinetic energy) can be described, measured and calculated
1901: The First Improvement	CO	SCI.6-8.1.1	ask questions and state hypotheses that lead to different types of scientific investigations (for example: experimentation, collecting specimens, constructing models, researching scientific literature)
1901: The First Improvement	CO	SCI.6-8.2.7	quantities (for example: time, distance, mass, force) that characterize moving objects and their interactions within a system (for example, force, speed, velocity, potential energy, kinetic energy) can be described, measured and calculated

New Data	CO	SCI.6-8.1.1	ask questions and state hypotheses that lead to different types of scientific investigations (for example: experimentation, collecting specimens, constructing models, researching scientific literature)
New Data	CO	SCI.6-8.2.7	quantities (for example: time, distance, mass, force) that characterize moving objects and their interactions within a system (for example, force, speed, velocity, potential energy, kinetic energy) can be described, measured and calculated
1902: Success at Last	CO	SCI.6-8.1.1	ask questions and state hypotheses that lead to different types of scientific investigations (for example: experimentation, collecting specimens, constructing models, researching scientific literature)
1904: Improvement in Dayton	CO	SCI.6-8.1.6	communicate results of their investigations in appropriate ways (for example: written reports, graphic displays, oral presentations)
Learning to Fly: The Wright Brother's Adventure			
2007 Science			
Model Content Standards			
Colorado Science			
Grades 9-12			
Activity/Lesson	State	Standards	
1901: The First Improvement	CO	SCI.9-12.1.5	construct and revise scientific explanations and models, using evidence, logic, and experiments that include identifying and controlling variables
1901: The First Improvement	CO	SCI.9-12.2.9	Newton's Three Laws of Motion explain the relationship between the forces acting on an object, the object's mass, and changes in its motion
New Data	CO	SCI.9-12.1.3	identify major sources of error or uncertainty within an investigation (for example: particular measuring devices and experimental procedures)
New Data	CO	SCI.9-12.1.5	construct and revise scientific explanations and models, using evidence, logic, and experiments that include identifying and controlling variables
1902: Success at Last	CO	SCI.9-12.1.5	construct and revise scientific explanations and models, using evidence, logic, and experiments that include identifying and controlling variables

1903: Powered Flight	CO	SCI.9-12.1.5	construct and revise scientific explanations and models, using evidence, logic, and experiments that include identifying and controlling variables
1904: Improvement in Dayton	CO	SCI.9-12.1.2	select and use appropriate technologies to gather, process, and analyze data and to report information related to an investigation
1904: Improvement in Dayton	CO	SCI.9-12.1.6	communicate and evaluate scientific thinking that leads to particular conclusions
1904: Improvement in Dayton	CO	SCI.9-12.2.9	Newton's Three Laws of Motion explain the relationship between the forces acting on an object, the object's mass, and changes in its motion