

<b>Learning to Fly: The Wright Brother's Adventure</b>			
<b>2006 Science</b>			
<b>Content Standards</b>			
<b>Idaho Science</b>			
<b>Grade 6</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
The Society	ID	SCI.6.6.S.1.6.1	Write and analyze questions that can be answered by conducting scientific experiments.
1901: The First Improvement	ID	SCI.6.6.S.1.2.3	Use models to explain or demonstrate a concept.
1901: The First Improvement	ID	SCI.6.6.S.1.6.2	Conduct scientific investigations using a control and variables. Repeat same experiment using alternate variables.
1901: The First Improvement	ID	SCI.6.6.S.1.6.4	Use evidence to analyze data in order to develop descriptions, explanations, predictions, and models.
New Data	ID	SCI.6.6.S.1.6.1	Write and analyze questions that can be answered by conducting scientific experiments.
New Data	ID	SCI.6.6.S.1.6.2	Conduct scientific investigations using a control and variables. Repeat same experiment using alternate variables.
1902: Success at Last	ID	SCI.6.6.S.1.2.3	Use models to explain or demonstrate a concept.
1902: Success at Last	ID	SCI.6.6.S.1.6.4	Use evidence to analyze data in order to develop descriptions, explanations, predictions, and models.
1903: Powered Flight	ID	SCI.6.6.S.1.2.3	Use models to explain or demonstrate a concept.
1903: Powered Flight	ID	SCI.6.6.S.1.3.2	Measure in both U.S. Customary and International System of Measurement (metric system) units with an emphasis on the metric system.
1903: Powered Flight	ID	SCI.6.6.S.1.6.2	Conduct scientific investigations using a control and variables. Repeat same experiment using alternate variables.
1903: Powered Flight	ID	SCI.6.6.S.1.6.4	Use evidence to analyze data in order to develop descriptions, explanations, predictions, and models.
1904: Improvement in Dayton	ID	SCI.6.6.S.1.6.3	Select and use appropriate tools and techniques to gather and display data.
1904: Improvement in Dayton	ID	SCI.6.6.S.1.6.6	Communicate scientific procedures and explanations.
<b>Learning to Fly: The Wright Brother's Adventure</b>			
<b>2006 Science</b>			
<b>Content Standards</b>			
<b>Idaho Science</b>			
<b>Grade 7</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	

1901: The First Improvement	ID	SCI.7.7.S.1.2.3	Use models to explain or demonstrate a concept.
1901: The First Improvement	ID	SCI.7.7.S.1.6.1	Identify controls and variables used in scientific investigations.
1902: Success at Last	ID	SCI.7.7.S.1.2.3	Use models to explain or demonstrate a concept.
1903: Powered Flight	ID	SCI.7.7.S.1.2.3	Use models to explain or demonstrate a concept.
1904: Improvement in Dayton	ID	SCI.7.7.S.1.6.2	Use appropriate tools and techniques to gather and display data.
<b>Learning to Fly: The Wright Brother's Adventure</b>			
<b>2006 Science</b>			
<b>Content Standards</b>			
<b>Idaho Science</b>			
<b>Grades 8-9 (8th &amp; 9th Grade Physical Science)</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
The Society	ID	SCI.8-9.8-9.PS.1.6.1	Identify questions and concepts that guide scientific investigations.
Wright Brothers: 1900 Glider	ID	SCI.8-9.8-9.PS.1.8.1	Analyze technical writing, graphs, charts, and diagrams.
Wright Brothers: 1901 Glider	ID	SCI.8-9.8-9.PS.1.8.1	Analyze technical writing, graphs, charts, and diagrams.
Wright Brothers: 1902 Glider	ID	SCI.8-9.8-9.PS.1.8.1	Analyze technical writing, graphs, charts, and diagrams.
Wright Brothers: 1903 Flyer	ID	SCI.8-9.8-9.PS.1.8.1	Analyze technical writing, graphs, charts, and diagrams.
1901: The First Improvement	ID	SCI.8-9.8-9.PS.1.2.2	Develop models to explain concepts or systems.
1901: The First Improvement	ID	SCI.8-9.8-9.PS.1.6.4	Formulate scientific explanations and models using logic and evidence.
New Data	ID	SCI.8-9.8-9.PS.1.2.1	Use observations and data as evidence on which to base scientific explanations.
1902: Success at Last	ID	SCI.8-9.8-9.PS.1.2.2	Develop models to explain concepts or systems.
1902: Success at Last	ID	SCI.8-9.8-9.PS.1.6.4	Formulate scientific explanations and models using logic and evidence.
1903: Powered Flight	ID	SCI.8-9.8-9.PS.1.2.2	Develop models to explain concepts or systems.
1903: Powered Flight	ID	SCI.8-9.8-9.PS.1.6.4	Formulate scientific explanations and models using logic and evidence.
1903: Powered Flight	ID	SCI.8-9.8-9.PS.1.8.1	Analyze technical writing, graphs, charts, and diagrams.
1904: Improvement in Dayton	ID	SCI.8-9.8-9.PS.1.6.2	Utilize the components of scientific problem solving to design, conduct, and communicate results of investigations.
1904: Improvement in Dayton	ID	SCI.8-9.8-9.PS.1.6.6	Communicate and defend a scientific argument.
1904: Improvement in Dayton	ID	SCI.8-9.8-9.PS.1.8.1	Analyze technical writing, graphs, charts, and diagrams.
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<b>2006 Science</b>			
<b>Content Standards</b>			
<b>Idaho Science</b>			
<b>Grades 9-10</b>			
<b>Activity/Lesson</b>	<b>State</b>	<b>Standards</b>	
The Society	ID	SCI.9-10.9-10.B.1.6.1	Identify questions and concepts that guide scientific investigations.
Wright Brothers: 1900 Glider	ID	SCI.9-10.9-10.B.1.8.1	Analyze technical writing, graphs, charts, and diagrams.
Wright Brothers: 1901 Glider	ID	SCI.9-10.9-10.B.1.8.1	Analyze technical writing, graphs, charts, and diagrams.
Wright Brothers: 1902 Glider	ID	SCI.9-10.9-10.B.1.8.1	Analyze technical writing, graphs, charts, and diagrams.
Wright Brothers: 1903 Flyer	ID	SCI.9-10.9-10.B.1.8.1	Analyze technical writing, graphs, charts, and diagrams.
1901: The First Improvement	ID	SCI.9-10.9-10.B.1.2.2	Develop models to explain concepts or systems.
1901: The First Improvement	ID	SCI.9-10.9-10.B.1.6.4	Formulate scientific explanations and models using logic and evidence.
New Data	ID	SCI.9-10.9-10.B.1.2.1	Use observations and data as evidence on which to base scientific explanations.
1902: Success at Last	ID	SCI.9-10.9-10.B.1.2.2	Develop models to explain concepts or systems.
1902: Success at Last	ID	SCI.9-10.9-10.B.1.6.4	Formulate scientific explanations and models using logic and evidence.
1903: Powered Flight	ID	SCI.9-10.9-10.B.1.2.2	Develop models to explain concepts or systems.
1903: Powered Flight	ID	SCI.9-10.9-10.B.1.3.3	Measure and calculate using the metric system.
1903: Powered Flight	ID	SCI.9-10.9-10.B.1.6.4	Formulate scientific explanations and models using logic and evidence.
1903: Powered Flight	ID	SCI.9-10.9-10.B.1.8.1	Analyze technical writing, graphs, charts, and diagrams.
1904: Improvement in Dayton	ID	SCI.9-10.9-10.B.1.6.2	Utilize the components of scientific problem solving to design, conduct, and communicate results of investigations.
1904: Improvement in Dayton	ID	SCI.9-10.9-10.B.1.6.6	Communicate and defend a scientific argument.
1904: Improvement in Dayton	ID	SCI.9-10.9-10.B.1.8.1	Analyze technical writing, graphs, charts, and diagrams.