

Pushing the Envelope			
2005 Science			
Content Standards			
Alaska Science			
Grades K-12			
Activity/Lesson	State	Standards	
History of Aviation Propulsion (pgs. 5-9)	AK	SCI.K-12.G.1	A student should understand the history and nature of science: develop an understanding that historical perspectives of scientific explanations demonstrate that scientific knowledge changes over time, building on prior knowledge;
Chemistry (pgs. 25-41)	AK	SCI.K-12.B.1	A student should understand and be able to apply the concepts, models, theories, universal principals, and facts that explain the physical world: develop an understanding of the characteristic properties of matter and the relationship of these properties to their structure and behavior;
Physics and Math (pgs. 43-63)	AK	SCI.K-12.B.4	A student should understand and be able to apply the concepts, models, theories, universal principals, and facts that explain the physical world: develop an understanding of motions, forces, their characteristics and relationships, and natural forces and their effects.
Rocket Activity (pgs. 69-75)	AK	SCI.K-12.B.4	A student should understand and be able to apply the concepts, models, theories, universal principals, and facts that explain the physical world: develop an understanding of motions, forces, their characteristics and relationships, and natural forces and their effects.