

Exploring Aeronautics

National Standards

Grades 3 – 5 Technology

Source: National Standards National Educational Technology Standards for Students 2007

Lesson/Activity	Grades 2 - 4 Technology Standards
Science of Flight	4 Select and apply digital tools to collect, organize, and analyze data to evaluate theories or test hypotheses.
Science of Flight	9 Debate the effect of existing and emerging technologies on individuals, society, and the global community.
Intro to Aeronautics (109-123)	4 Select and apply digital tools to collect, organize, and analyze data to evaluate theories or test hypotheses.
Scientific Method(124-144)	4 Select and apply digital tools to collect, organize, and analyze data to evaluate theories or test hypotheses.

Exploring Aeronautics

National Standards

Grades 6 – 8 Technology

Source: National Standards National Educational Technology Standards for Students 2007

Lesson/Activity	Grades 6 - 8 Technology Standards
Fundamentals of Aeronautics (145-176)	1 Describe and illustrate a content-related concept or process using a model, simulation, or concept-mapping software.
Intro to Aeronautics (109-123)	1 Describe and illustrate a content-related concept or process using a model, simulation, or concept-mapping software.
Intro to Aeronautics (109-123)	6 Employ data-collection technology such as probes, handheld devices, and geographic mapping systems to gather, view, analyze, and report results for content-related problems.
Integrating with Aeronautics	1 Describe and illustrate a content-related concept or process using a model, simulation, or concept-mapping software.
Airplane Control(209-256)	1 Describe and illustrate a content-related concept or process using a model, simulation, or concept-mapping software.
Wings(177-208)	1 Describe and illustrate a content-related concept or process using a model, simulation, or concept-mapping software.
Science of Flight	1 Describe and illustrate a content-related concept or process using a model, simulation, or concept-mapping software.
Science of Flight	6 Employ data-collection technology such as probes, handheld devices, and geographic mapping systems to gather, view, analyze, and report results for content-related problems.
Tools of Aeronautics(257-326)	1 Describe and illustrate a content-related concept or process using a model, simulation, or concept-mapping software.
Scientific Method(124-144)	1 Describe and illustrate a content-related concept or process using a model, simulation, or concept-mapping software.
Scientific Method(124-144)	6 Employ data-collection technology such as probes, handheld devices, and geographic mapping systems to gather, view, analyze, and report results for content-related problems.
How an Airplane Flies	1 Describe and illustrate a content-related concept or process using a model, simulation, or concept-mapping software.
The Tools of Aeronautics	1 Describe and illustrate a content-related concept or process using a model, simulation, or concept-mapping software.
The Activity Center	1 Describe and illustrate a content-related concept or process using a model, simulation, or concept-mapping software.
The Resource Center	1 Describe and illustrate a content-related concept or process using a model, simulation, or concept-mapping software.