



Topic: Aerospace

Title: Pilot in Command

Level: 4

New Hampshire Science Curriculum Framework

Grade level: 7 - 10 (11 - 12)

	Science																								Career Development							
	Science as Inquiry	Science, Technology, and Society					Life Science				Earth/Space Science			Physical Science						Unifying Themes and Concepts				Core Educational Learning			Individual & social learning		Career Learning			
	1a	2a	2b	2c	2d	2e	2f	3a	3b	3c	3d	4a	4b	4c	5a	5b	5c	5d	5e	5f	5g	6a	6b	6c	6d	1	2	3	4	5	6	7
Activity 1	▲																															
Activity 2	▲																															
Activity 3	▲																															▲
Activity 4	▲																															▲
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Activity 7	▲																															▲
Activity 8	▲																															
Activity 9	▲																										▲					
Activity 10	▲																															
Activity 11	▲																															▲
Activity 12																																▲

Aerospace – Pilot in Command	
Level 4 – Grade 9 – 12	
Project 2061 Benchmarks (Grade 9 - 12)	
The Nature of Science	
Activity	Scientific Inquiry
1 - 11	Investigations are conducted for different reasons, including to explore new phenomena, to check on previous results, to test how well a theory predicts, and to compare different theories.

Aerospace – Pilot in Command	
Level 4 – Grades 9 - 12	
NH Science Frameworks (Grade 7 - 10)	
Science as Inquiry	
Activity	1a. Students will demonstrate an increasing understanding of how the scientific enterprise operates
1 - 11	Formulate questions and use appropriate concepts to guide scientific investigations and to solve real world problems
8 - 11	Design and conduct a controlled scientific investigation

Aerospace – Pilot in Command	
Level 4 – Grades 9 – 12	
NH Career Development Frameworks (Grade 11 - 12)	
Core Educational Learning	
	2. Students will demonstrate a firm grounding in essential computational skills as well as strong problem-solving and reasoning abilities.
9, 11	Apply decision-making skills in a wide variety of situations.
9, 11	Develop a systemic plan and communicate the plan clearly.
Individual and Social Learning	
	5. The student will demonstrate skills in working cooperatively/collaboratively with others.
4, 6, 7	Demonstrate consistent, responsive and caring behavior.
4, 6, 7	Demonstrate the ability respect the rights of, and accept responsibility for, self and others.
4, 6, 7	Demonstrate effective and flexible team skills as team member or leader.
Career Learning	
	6. Students will acquire the knowledge, attitudes and skills to make a successful transition from school to the world of work and adult life.
3, 12	Use their analyses of role model to improve the planning and implementation of projects.
12	Demonstrate knowledge of how occupational skills and knowledge can be acquired through leisure activities.
12	Explain how the changing workplace requires lifelong learning and upgrading of skills.
3, 12	Explain how employment opportunities relate to education and training.