



Topic: Rabbits

Title: All Ears

Level: 3

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	▲							▲																									
Activity 5	▲																																
Activity 6	▲																																
Activity 7	▲																																
Activity 8	▲																																
Activity 9	▲																																
Activity 10	▲							▲																									
Activity 11																																	
Activity 12																																	
Activity 13																										▲							
Activity 14																										▲	▲						
Activity 15																											▲						
Activity 16																										▲	▲						

Rabbit – All Ears	
Level 3 – Grade 9 - 12	
Project 2061 Benchmarks (Grade 9 - 12)	
The Nature of Science	
Activity	Scientific Inquiry
1 – 10	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.
The Living Environment	
	Heredity
1, 3, 4	Some gene combinations make little difference, some can produce organisms with new and perhaps enhanced capabilities, and some can be deleterious
1, 3, 4	The sorting and recombination of genes in sexual reproduction results in a great variety of possible gene combinations from the offspring of any two parents
1, 3, 4	The information passed from parents to offspring is coded in DNA molecules

Rabbits – All Ears	
Level 3 – 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 - 10	Formulate questions and use appropriate concepts to guide scientific investigations and to solve real world problems
Life Science	
	3a. Students will demonstrate an increasing ability to recognize patterns and products of evolution, including genetic variation, specialization, adaptation, and natural selection.
10	Identify and give examples of representative life forms in the five kingdoms (see curriculum standard 3d) of living things
1, 3, 4	Interpret simple genetic crosses and predict/explain the patterns that emerge
1, 3, 4	Explain how the characteristics of living things depends upon genes
1, 3, 4	Estimate the degree of kinship among organisms or species, e.g. from the similarity of their DNA base-pair sequences, anatomy, physiology, or behavior

Rabbits – All Ears	
Level 3 – Grades 9 – 12	
NH Career Development Frameworks (Grade 11 - 12)	
Core Educational Learning	
	1. Students will demonstrate a firm grounding in the interactive language processes of reading, writing, speaking, listening, and viewing, as well as the ability to use those skills to communicate effectively.
13, 14, 16	Demonstrate the effective use of the conventions of English language in communications.
13, 14, 16	Demonstrate the ability to adjust communication style and language so that it is appropriate to the situation, topic, purpose, and audience.
	2. Students will demonstrate a firm grounding in essential computational skills as well as strong problem-solving and reasoning abilities.
14 – 16	Apply decision-making skills in a wide variety of situations.
14 – 16	Analyze the design and management of a system.
14 – 16	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.
11, 12	Demonstrate consistent, responsive and caring behavior.
11, 12	Demonstrate the ability respect the rights of, and accept responsibility for, self and others.
11, 12	Demonstrate effective and flexible team skills as team member or leader.