

Horse – Head, Heart, and Hooves	
Level 2	
Project 2061 Benchmarks (Grade 6 - 8)	
The Nature of Science	
Activity	Scientific Inquiry
1 – 14	Scientists differ greatly in what phenomena they study and how they go about their work. Although there is no fixed set of steps that all scientists follow, scientific investigations usually involve the collection of relevant evidence, the use of logical reasoning, and the application of imagination in devising hypotheses and explanations to make sense of the collected evidence.
The Living Environment	
	Diversity of Life
1 – 9, 13, 14	Animals and plants have a great variety of body plans and internal structures that contribute to their being able to make or find food and reproduce.

Horse – Head, Heart, and Hooves	
Level 2 – Grades 6 - 8	
NH Science Frameworks (Grade K – 6)	
Science as Inquiry	
Activity	1a. Students will demonstrate an increasing understanding of how the scientific enterprise operates
1 – 14	Solve problems using a variety of strategies
1 – 14	Pose questions for scientific investigations and make predictions about the outcomes
1 – 14	Design and conduct a scientific investigation exploring the relationship between two variables
1 – 12	Work in small teams to investigate problems, but form own conclusions
Life Science	
	3a. Students will demonstrate an increasing ability to recognize patterns and products of evolution, including genetic variation, specialization, adaptation, and natural selection.
1 – 3, 7 – 9, 13, 14	Identify major body structures of some common organisms, e.g. when shown a picture of the human skeleton students can identify, by common name, the major bones in their body
1 – 3, 7 – 9, 13, 14	Relate the structure of body parts to function, e.g. when presented with teeth (or models of teeth) from various animals, students can make inferences concerning what the animal eats
	3d. Students will demonstrate an increasing ability to understand fundamental structures, functions, and mechanisms of inheritance found in microorganisms, fungi, protists, plants, and animals.
1 – 3, 7 – 9, 13, 14	Identify the major anatomical features of plants and animals, and the major function of each