



National Museum of Racing and Hall of Fame

Third Grade Lesson 3LS4-2, 3LS2-1

- 3rd Grade Science
- Hereditary/Inherited Traits Lesson
 - In Class Activity:
 - Break students into groups to observe and record on the Inherited Traits Chart the following traits: earlobes (attached/detached), eye color, hair color and tongue rolling.
 - In Class Discussion:
 - These features come from your parents. Animals also have features that come from their parents.
 - With Color & Markings handout discuss how types of traits/features appear in Thoroughbred horses as well.
 - Video available on foalpatrol.com: *Color Change*
 - Learn the colors of horses and the types of marking that appear on their faces.
 - In Class Activity:
 - Identify horses based on their color
 - Discuss likeness to hair color in children and their parents
 - Activities following Punnett square lessons
 - Explore the activity sheets regarding coat color in horses and eye color in humans.
 - Opportunity to further discuss genetics and how certain traits are biological.