

4th 6 Weeks: Lesson Plan

Week 1: Introduction to Equine Science

Monday: No School

Tuesday: Intro to Equine Science - Pre-Quiz Game

- **Objective:** Introduce students to equine science, careers, and key concepts.
- **Activity:**
 - Conduct a pre-quiz using Kahoot or Jeopardy with questions about equine history, breeds, and basic care.
 - Open discussion about student interest in equine science.
- **TEKS:** 130.2(c)(2)(A), 130.2(c)(8)(A)

Wednesday-Thursday: Basic Equine Vocabulary

- **Objective:** Familiarize students with essential equine terminology.
- **Activity:**
 - Provide a vocabulary list and have students participate in a matching game or vocabulary bingo.
 - Practice using terms in sentences or real-world scenarios.
- **TEKS:** 130.2(c)(2)(B)

Friday: Equine Vocabulary Quiz

- **Objective:** Assess understanding of equine vocabulary.
 - **Activity:**
 - Administer a quiz (matching or fill-in-the-blank format).
 - Review key terms as a class to address misunderstandings.
 - **TEKS:** 130.2(c)(2)(B)
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Week 2: Horse Colors, Markings, and Anatomy

Monday: Horse Colors

- **Objective:** Identify and describe common horse coat colors.
- **Activity:**
 - Lecture with images of different coat colors (e.g., bay, chestnut, palomino).
 - Students create flashcards with color names and descriptions.
- **TEKS:** 130.2(c)(4)(B)

Tuesday: Horse Head Markings

- **Objective:** Learn to recognize and describe head markings.
- **Activity:**
 - Use diagrams to label markings (e.g., star, blaze, snip).

- Students draw and label horse heads to show markings.
- **TEKS:** 130.2(c)(4)(B)

Wednesday: Horse Leg Markings

- **Objective:** Identify and differentiate leg markings.
- **Activity:**
 - Diagram activity: Students label leg markings (e.g., coronet, sock, stocking).
 - Group competition to match markings with terms.
- **TEKS:** 130.2(c)(4)(B)

Thursday: Horse Color & Markings - Google Activity

- **Objective:** Research and analyze horse colors and markings.
- **Activity:**
 - Students work in pairs to find images of specific horse colors and markings online.
 - Create a digital or physical collage of findings.
- **TEKS:** 130.2(c)(5)(A)

Friday: Horse Anatomy - External

- **Objective:** Learn external horse anatomy.
- **Activity:**
 - Label external body parts on a diagram (e.g., withers, flank).
 - Hands-on activity if access to a live horse is available.
- **TEKS:** 130.2(c)(9)(A)

Week 3: Horse Anatomy

Monday: No School (MLK Day)

Tuesday: Horse Anatomy - Internal

- **Objective:** Explore the internal anatomy of a horse.
- **Activity:**
 - Discuss internal systems (e.g., digestive, skeletal, and muscular).
 - Use models or videos for visual aids.
- **TEKS:** 130.2(c)(9)(A)

Wednesday: Horse Anatomy Quiz

- **Objective:** Assess knowledge of internal and external anatomy.
- **Activity:**
 - Administer a written and diagram-based quiz.
 - Provide an answer review session for feedback.
- **TEKS:** 130.2(c)(9)(A)

Thursday-Friday: Q-Tip Anatomy

- **Objective:** Apply anatomical knowledge in a hands-on activity.
 - **Activity:**
 - Use Q-tips or similar materials to reconstruct skeletal or muscle systems on diagrams or models.
 - Discuss the importance of each system.
 - **TEKS:** 130.2(c)(9)(A)
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Week 4: Horse Breeds

Monday-Tuesday: Horse Breeds

- **Objective:** Recognize and describe common horse breeds.
- **Activity:**
 - Lecture on breeds (e.g., Arabian, Quarter Horse, Thoroughbred).
 - Students create breed profiles, including origins, traits, and uses.
- **TEKS:** 130.2(c)(4)(C)

Wednesday: Horse Review

- **Objective:** Review horse colors, markings, anatomy, and breeds.
- **Activity:**
 - Play review games like Kahoot or create a jeopardy-style game.
 - Have students pair up to quiz each other.
- **TEKS:** 130.2(c)(4)(B)

Thursday: Horse Exam

- **Objective:** Assess overall understanding of equine topics covered so far.
- **Activity:**
 - Administer a comprehensive written and practical exam.
- **TEKS:** 130.2(c)(4)(C)

Friday: Horse Hoof Anatomy - Cookie Demo

- **Objective:** Learn about horse hoof structure.
 - **Activity:**
 - Use cookies to model hoof layers and structures (e.g., frog, sole).
 - Discuss hoof care and its importance.
 - **TEKS:** 130.2(c)(9)(A)
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Week 5: Horse Tack Identification

Monday-Tuesday: Horse Tack ID (Bits, Bridles, and Saddles)

- **Objective:** Identify and explain the function of horse tack.
- **Activity:**
 - Hands-on practice with tack items if available.
 - Matching game with tack names and descriptions.
- **TEKS:** 130.2(c)(5)(A)

Wednesday: Horse Tack ID - Miscellaneous

- **Objective:** Explore additional tack items.
- **Activity:**
 - Discuss items like halters, lead ropes, and blankets.
 - Students create a tack checklist for basic horse care.
- **TEKS:** 130.2(c)(5)(A)

Thursday: Horse Tack ID Review

- **Objective:** Review tack identification and uses.
- **Activity:**
 - Pair up students for a quiz-style review.
 - Set up a "tack station" where students identify items.
- **TEKS:** 130.2(c)(5)(A)

Friday: Horse Tack Exam

- **Objective:** Assess understanding of tack identification and uses.
 - **Activity:**
 - Administer a written and practical exam.
 - **TEKS:** 130.2(c)(5)(A)
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Week 6: Careers in the Equine Industry

Monday-Friday: Careers in the Equine Industry

- **Objective:** Explore careers related to equine science.
- **Activities:**
 - Research project: Students choose a career (e.g., veterinarian, trainer, farrier) and create a presentation.
 - Guest speaker (if possible) or virtual interviews with professionals in the field.
 - Students participate in hands-on or mock activities (e.g., designing a training program).
- **TEKS:** 130.2(c)(8)(A), 130.2(c)(8)(B)