

# Equine Science

## At-A-Glance - Lamar CISD

<b>Professional Standards/Employability Skills/Technical Skills</b>			
<b>Ongoing Skills Imbedded All Year</b>	<p>1(A) The student will identify career development and entrepreneurship opportunities in the field of equine science.            1(B) The student will demonstrate competencies related to resources, information, interpersonal skills, and systems of operation in equine science.            1(C) The student will demonstrate knowledge of personal and occupational health and safety practices in the workplace.            1(D) The student will identify employers' expectations, including appropriate work habits, ethical conduct, and legal responsibilities.            1(E) The student will demonstrate characteristics of good citizenship such as stewardship, advocacy, and community leadership.            1(F) The student will research career topics using technology such as the Internet.            2(A) The student will plan, propose, conduct, document, and evaluate a supervised agriculture experience program as an experiential learning activity.            2(B) The student will apply proper record-keeping skills as they relate to the supervised agriculture experience.            2(C) The student will participate in youth leadership opportunities to create a well-rounded experience program.            2(D) The student will produce and participate in a local program of activities using a strategic planning process.</p>		
Grading Period	Unit Name	Estimated Time Frame	TEKS
<b>Grading Period 1</b> <b>29 Days</b>  <b>OR</b>  <b>Grading Period 4</b> <b>32 Days</b>	<b>Management of Horses</b>	<b>29 Days</b>	1A, 1B, 1C, 1D, 1E, 1F, 2A, 2B, 2C, 2D, 5A, 5B, 5C
<p>1(A) The student will identify career development and entrepreneurship opportunities in the field of equine science.            1(B) The student will demonstrate competencies related to resources, information, interpersonal skills, and systems of operation in equine science.            1(C) The student will demonstrate knowledge of personal and occupational health and safety practices in the workplace.            1(D) The student will identify employers' expectations, including appropriate work habits, ethical conduct, and legal responsibilities.            1(E) The student will demonstrate characteristics of good citizenship such as stewardship, advocacy, and community leadership.            1(F) The student will research career topics using technology such as the Internet.            2(A) The student will plan, propose, conduct, document, and evaluate a supervised agriculture experience program as an experiential learning activity.            2(B) The student will apply proper record-keeping skills as they relate to the supervised agriculture experience.            2(C) The student will participate in youth leadership opportunities to create a well-rounded experience program.            2(D) The student will produce and participate in a local program of activities using a strategic planning process.            5(A) The student will select equipment and facilities for horses.            5(B) The student will demonstrate methods of handling horses safely.            5(C) The student will identify the procedures for breeding horses per industry standards.</p>			
<b>Nutrition</b>			
<p>4(A) The student will determine nutritional requirements of horses.            4(B) The student will describe the anatomy and physiology of horses, including the skeletal, muscular, respiratory, reproductive, and circulatory systems.            4(C) The student will explain methods of maintaining horse health and soundness.</p>			
<b>Grading Period 2</b> <b>26 Days</b>  <b>OR</b>  <b>Grading Period 4</b> <b>32 Days</b>	<b>Animal Pests &amp; Diseases</b>	<b>16 Days</b>	1A, 1B, 1C, 1D, 1E, 1F, 2A, 2B, 2C, 2D, 6A, 6B, 6C, 6D
<p>1(A) The student will identify career development and entrepreneurship opportunities in the field of equine science.            1(B) The student will demonstrate competencies related to resources, information, interpersonal skills, and systems of operation in equine science.            1(C) The student will demonstrate knowledge of personal and occupational health and safety practices in the workplace.            1(D) The student will identify employers' expectations, including appropriate work habits, ethical conduct, and legal responsibilities.            1(E) The student will demonstrate characteristics of good citizenship such as stewardship, advocacy, and community leadership.            1(F) The student will research career topics using technology such as the Internet.            2(A) The student will plan, propose, conduct, document, and evaluate a supervised agriculture experience program as an experiential learning activity.            2(B) The student will apply proper record-keeping skills as they relate to the supervised agriculture experience.            2(C) The student will participate in youth leadership opportunities to create a well-rounded experience program.            2(D) The student will produce and participate in a local program of activities using a strategic planning process.            6(A) The student will identify and describe the role of bacteria, fungi, viruses, genetics, and nutrition in disease.            6(B) The student will identify methods of disease control, treatment, and prevention.            6(C) The student will classify internal and external parasites, including treatment and prevention.            6(D) The student will identify behavioral diseases such as cribbing, heaving, and wind sucking.</p>			

	<b>Selection of Horses</b>	<b>25 Days</b>	1A, 1B, 1C, 1D, 1E, 1F, 2A, 2B, 2C, 2D, 3A, 3B, 7A, 7B
<b>Grading Period 3 25 Days</b>  <b>OR</b>  <b>Grading Period 6 29 Days</b>	<p>1(A) The student will identify career development and entrepreneurship opportunities in the field of equine science.</p> <p>1(B) The student will demonstrate competencies related to resources, information, interpersonal skills, and systems of operation in equine science.</p> <p>1(C) The student will demonstrate knowledge of personal and occupational health and safety practices in the workplace.</p> <p>1(D) The student will identify employers' expectations, including appropriate work habits, ethical conduct, and legal responsibilities.</p> <p>1(E) The student will demonstrate characteristics of good citizenship such as stewardship, advocacy, and community leadership.</p> <p>1(F) The student will research career topics using technology such as the Internet.</p> <p>2(A) The student will plan, propose, conduct, document, and evaluate a supervised agriculture experience program as an experiential learning activity.</p> <p>2(B) The student will apply proper record-keeping skills as they relate to the supervised agriculture experience.</p> <p>2(C) The student will participate in youth leadership opportunities to create a well-rounded experience program.</p> <p>2(D) The student will produce and participate in a local program of activities using a strategic planning process.</p> <p>3(A) The student will recognize the importance of equine industries such as racing, rodeos, equestrian therapy, and the global food market.</p> <p>3(B) The student will evaluate and select horses based on purpose.</p> <p>7(A) The student will describe biotechnology issues related to the equine industry.</p> <p>7(B) The student will identify animal welfare policy pertaining to equine industries such as racing, rodeos, equestrian therapy, the global food market, and pharmaceutical research.</p>		