

# CATTLE RANCH RIDDLE CHALLENGE

## SCORING RUBRIC

Category	4 – Exemplary	3 – Proficient	2 – Developing	1 – Beginning
<b>Understanding of the Cattle Ranch Riddle Challenge</b>	Project fully aligns with the challenge. Clearly constructed an innovative model of a cattle ranch that balances production with economic, environmental, and societal needs.	Project aligns with the challenge in multiple aspects. Includes a model and explanation of a cattle ranch and balances economic, environmental, and societal needs.	Project shows partial alignment. Solution may be unclear or lack depth regarding understanding of beef production and economic, environmental, and societal needs.	Project does not align clearly with the challenge. Solution lacks relevance to beef production and economic, environmental, and societal needs.
<b>Effort and Craftsmanship</b>	Project demonstrates exceptional effort, attention to detail, and craftsmanship. Model is creative, well-built, and compelling.	Project shows solid effort and is neat and organized. Model is complete and understandable.	Project shows minimal effort or craftsmanship. Model is basic or lacking components.	Project shows little to no effort or craftsmanship. Model is incomplete or poorly executed.
<b>Reflection and Understanding</b>	Reflection sheet is complete with thoughtful and well-developed responses. Clearly connects learning to the challenge.	Reflection sheet is fully complete with accurate and proficient responses.	Reflection sheet is complete but responses are superficial or incomplete.	Reflection sheet is incomplete or lacks relevance.
<b>Student Involvement</b>	Project shows maximum safe student involvement. Students led all phases and demonstrated ownership of the work.	Project shows consistent student involvement in planning and execution.	Project shows limited student involvement. Adults played a significant role.	Project lacks visible student involvement. Primarily adult-driven.
<b>Cattle Ranch Riddle Challenge Overall Score</b>				