

## Savanna Ecosystem Local Investigation Rubric

<b>Performance Criteria</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b>Identify possible impact and pose a good research/investigation question</b>	Teacher provides the question.	With teacher assistance, student has developed a question that allows for limited research.	In negotiation with teacher, student has developed an open question that allows for further research.	Independently developed an open question that allows for detailed exploration of identified issues.
<b>Information</b>	Gathered information that lacks relevance, depth and balance. There is no reference to any previous action regarding this issue.	Gathered information from a limited range of sources – including some human, print and electronic.	Gathered information from a variety of relevant sources – including human, print and electronic. Information includes, previous action that have been undertaken and the results.	Gathered information from a variety of relevant sources – including human, print and electronic. Information includes, previous action that has been undertaken and the results as well as the key organizations involved in the area and what they do.
<b>Demonstrate understanding of the links within the chosen ecosystem</b>	Lists relationships between organisms in the ecosystem.	Describes simple relationships between organisms in the ecosystem.	Describes and discusses some complex relationships between organisms in the ecosystem.	Describes and discusses using scientific vocab a range of complex interdependent relationships.
<b>Understand the major impacts on a local ecosystem</b>	Observes and records a list of impacts on chosen ecosystem.	Identify causes for observed impacts on chosen ecosystem.	Discus the overall effects impacts have had on the ecosystem, including social, economic and environmental.	Draws on understanding of ecosystems to interpret present situation including social, economic and environmental impacts. Predicts future possible impacts on the ecosystem.
<b>Present report and make recommendations as to a course of action</b>	Little evidence of thoughtful research. Product does not effectively communicate research and recommendations.	Some evidence of use of communication tools and strategies. Recommendations supported by some research.	Effectively communicated the issues to the audience. Recommendations supported by research.	Quality presentation. Logically presented using research and knowledge of ecosystems to support a well-justified conclusion and recommendation.
<b>Consider cost and benefits of all groups' recommendations</b>	No analysis done. Unable to justify chosen recommendation.	Little analysis done. Recommendation partly justified in terms of cost or benefit.	Some analysis done. Recommendation partly justified in terms of cost and /or benefit.	Critically analyses the recommendations based on the research presented. Justifies chosen recommendation in terms of cost and benefit. .