

Man vs. Nature



Driving Question: What Should Be Done About Biodiversity in the Shrub Steppe?

BACKGROUND

Since the beginning of time, man has left his mark on the environment he lives in. From the earliest time when man simply used the environment to meet basic needs of survival to today when man manipulates the environment to meet his desire to live as comfortably as possible, we have interacted with and left our mark upon the environment.

THE PROJECT

As a group we will create an enhanced book that will share with our audience our unique answers to the driving question. Each class will submit poems, persuasive writings, and seven scientific writings designed to answer our driving question. Each student will also be responsible for submitting a original piece of art for the book. The book will be published using an online publisher and will be available for all to purchase. One copy of the book will become part of the Mt. Adams campus library's permanent collection. Furthermore, using QR (quick response) codes from the book, our audience will be able to use their smart phones or other devices to check out your blogs for further understanding of the issues facing the shrub steppe and the people who live there and interact with it every day.

BIG IDEAS

ENGLISH	<ul style="list-style-type: none"> • Literary devices (simile, metaphor, personification) improve the quality of poetry • The use of physical space can enhance the meaning of a poem
SCIENCE	<ul style="list-style-type: none"> • Human actions affect biodiversity • Biodiversity loss is endangering Earth's ecosystems • Scientific field studies are used to answer a question about the environment
SOCIAL STUDIES	<ul style="list-style-type: none"> • Historically and today, people use their environment to meet their needs • How people use resources affects the environment
OVERALL PROJECT	<ul style="list-style-type: none"> • Quality writing allows us to persuade others more effectively • Effective research is important when investigating a problem

PROJECT MILESTONES

- Learning goals and product goals for the project.
- Drafts of a creative writing about driving question.
 - Multiple drafts produced to create a poem about what you find most interesting about the driving question.
- Drafts of field investigation report about the shrub steppe
 - Multiple drafts produced to generate an effective scientific report
- Drafts of a persuasive writing about the driving question.
 - Multiple drafts produced to generate an effective persuasive writing
- Draft final of visual created by you.
 - Multiple drafts of an original work produced by you related to any one of the final drafts.
- Draft final of one writing to be submitted for publication in the book.

PROJECT MILESTONE BEAUTIFUL WORK CHECKLIST

MILESTONE	TO DO BEAUTIFUL WORK, I MUST:
Drafts	Gather and use information from multiple quality sources, including observations from on-going field work Use peer and teacher feedback to improve my writing Use many powerful & unique details to effectively support ideas Use a process to create beautiful work to share with an audience
Visual	Use a process to create an unique visual to pair with writing from the book Use peer and teacher feedback to create a beautiful final product
Fieldwork	Purposefully engage in fieldwork by being curious and gathering lots of information in the form of data, observations, sketches, photos, etc.
Research	Make explicit references to credible sources Correctly cite sources of information