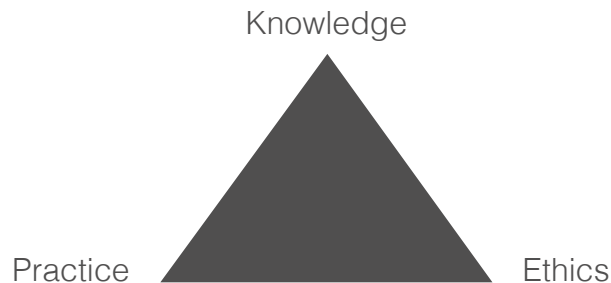


Stewardship Video Project

The goal of this project is to take the triangle model for thinking about stewardship and use it to create a video about a specific stewardship topic related to our environment.



Knowledge: Your video should educate people on your topic. Cover the basic details of the issue you have chosen and any problems we face in dealing with it. Research and include scientific information relevant to it.

Ethics: Your video should address our responsibility as stewards of God's earth, what the right action or response is, and what kind of people we need to be. Explain *why* we should do something about the issue. Consider how the issue, and our response to it, affects others as well as the natural world.

Practice: Your video should address concrete steps of action. What should we do, or think, or campaign for, or put into practice? What are our specific responsibilities as stewards, and what might change if we took your recommended steps?

The Stewardship Triangle image is adapted with permission from Calvin B. DeWitt, *Song of a Scientist* (Faith Alive, 2012), p. 77.

Possible Topics

1. Invasive species in Michigan - <http://www.michigan.gov/invasives>

Examples:

- An invasive plant - Black Locust, Japanese Knotweed, Garlic Mustard
- An invasive animal - Mute Swans, Rusty Crayfish, Asian Carp

2. Conservation Practices

Examples:

- Reducing the amount of garbage you throw out—what else could you do with your waste?
- Reducing water use in your life or your family's life.
- The problem of phosphor and phosphate usage in detergents and fertilizer, and what it does in the water cycle.
- Disposing of human waste—how wastewater treatment works.
- Deer or fish population management—how does the DNR do this? What role does hunting or fishing play? What is the benefit?
- Restoring a native species to Michigan—the elk project is an example.
- Protecting Michigan wetlands—how is it done? Why? What is a wetland?

Basic Outline:

1. Research and teach each other about your group's topic. You must all become quasi-experts. Research scientific information relevant to your topic, not just opinion pieces. On your group Google Doc, keep a section where you can post links to info, photos, videos, and whatever else might be helpful.
2. In your group Google Doc, sketch out the basic Stewardship Triangle specifically related to your topic.
3. Decide on a way to present your film—do you want to do it in a documentary style? Can you film on location? Can you interview experts? Do you want to use a story or a fictional idea to get your ideas across? Aim to be both educational and engaging.
4. Plot out the sequence of your film and draft parts and scripts. Show your script and sequence to the teacher for approval before filming begins.
5. Film: you can check out camera equipment for this project, and you will have access to editing software.

Stewardship Video Rubric

	Developing (1-8)	Competent (9-16)	Exemplary (17-20)
Science Content	<ul style="list-style-type: none"> Information is not scientifically accurate Not enough information covered Information is way above or below level of intended audience 	<ul style="list-style-type: none"> Adequate amount of information covered Only minor errors in information Science content usually matches level of intended audience 	<ul style="list-style-type: none"> Thorough presentation of information Science content is matched perfectly to intended audience
Technical Proficiency	<ul style="list-style-type: none"> Film has many areas that need editing (sound, titles, length of scenes, focus of pictures) 	<ul style="list-style-type: none"> Film has few areas that need editing Basic display of video editing 	<ul style="list-style-type: none"> Film is smooth, with unique aspects in audio, video, effects, and transitions
Art, Originality, Creativity	<ul style="list-style-type: none"> Film is drab, basic, unoriginal, or boring 	<ul style="list-style-type: none"> Film is original, has artistic quality, fun to watch 	<ul style="list-style-type: none"> Film is unique, well-crafted, memorable, entertaining
Stewardship Emphasis	<ul style="list-style-type: none"> Barely present or non-existent 	<ul style="list-style-type: none"> Mentioned, not fully integrated or connected to video theme 	<ul style="list-style-type: none"> Well-presented, fits in context of movie and encourages audience to act
Presentation	<ul style="list-style-type: none"> Vocab not known, all information read from paper 	<ul style="list-style-type: none"> Some mispronunciations, some information read from paper 	<ul style="list-style-type: none"> Students show thorough knowledge of vocab, parts are memorized and integrated