

Trimble High School

Grade: 9-12 Subject: Field and Stream Revised: October 17, 2016

1st Nine Weeks	2nd Nine Weeks	3rd Nine Weeks	4th Nine Weeks
<p>Since this is an elective class, there are no standards listed by the Dept of Education</p> <p><u>Leaves and Trees</u></p> <p>For the first two to three weeks of the quarter, we discuss leaf anatomy and their characteristics. Throughout the unit, students will collect leaves from the trail and try to identify the external anatomy of their collected leaf. Then, looking at its characteristics, students try to use resources like books and the internet to determine what tree the leaf came from. All of this is wrapped up with a quiz over the anatomy and a leaf's characteristics.</p> <p><u>Ecology</u></p> <p>For the next three weeks, we cover basics of Ecology. For those students who took Biology or Environmental, this chapter is review over what they should already know.</p> <p>During this unit, students will review the three types of symbiotic relationships and look at more complex symbiotic relationships. This will be assessed by a research paper, giving summaries of eight upper level relationships. Then, students will review food chains vs food webs and</p>	<p><u>Evolution</u></p> <p>From weeks two through four weeks, we cover evolution. We briefly discuss basic evolution terminology, and conduct a couple of labs that demonstrate natural selection.</p> <p><u>Animal Classes:</u></p> <p>From weeks 4-9, we will cover mammals, birds, and reptiles. For each one of the classes, students will learn the anatomy of each class, try to identify each type outside (weather and conditions pending), and present a presentation to their classmates about a particular animal in each class commonly found in Ohio.</p>		

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levels of organization. Assessments include entrance slips, in class assignments, and an end of chapter assessment at the end of the unit.

After the unit is complete, then over two-three weeks, the topic of insects is covered. During this unit, students learn the basic anatomy of an insect. Then, students conduct a virtual dissection that Orkin has on their website. Once the students are comfortable with identifying the anatomy of an insect, they take their knowledge outside to try and collect six types of insects. With the help of online sources and books, they try to identify the insects they capture. Then, they select a ohio common insect to give a presentation on. The hope is that students are able to identify types of insects when they are outside the class. Between the presentation and the outdoor lab, these are the primary assessments for the unit.

The final unit of the nine weeks and is covered into the second week of the second nine weeks is populations. Students will observe population trends not only in animals but in humans too. They learn about the different types of population curves and sampling techniques. Four groups were assigned a hallway and taking the number of people in that hallway, they used those figures to estimate the population in the entire school. Although humans were

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used, it can carry over to any type of sampling.			
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