

Pomperaug Regional School District 15 - Pre-Observation Form

Teacher's Name Mary Lee Evaluator D. Boss Room # 232 Course Academic Biology

Observation Date 12/2/07 Observation Time 9:05am Grade Level 10

Pre-Conference Date: 12/1/07 Post Conference Date: 12/4/07

Lesson (Include unit and lesson # if available): Phylum Annelida – Earthworm Dissection

This form can be submitted one of two ways:

1. *without a lesson plan and with all items 1-8 completed below, or,*
2. *with a lesson plan attached. Any * items below that are included in the lesson plan do not need to be repeated on this form. Check each * item that is included within the lesson plan.*

* _____	<p>1. What enduring understandings, focus questions or essential questions from your curriculum guide will be addressed within this lesson? (State standards if guide is not complete.)</p> <p>Essential Question #2: How is the interrelationship between structure and function displayed at different scales of organization? Focus Question B: How are animals organized to perform the particular functions that distinguish them from other organisms?</p>
* _____	<p>2. What is the objective of this lesson? What do you want the students to learn? (This is different than what you want students to do.)</p> <p>The objective of the lesson is to have the students learn the lab skills to successfully dissect an earthworm and learn the structures and functions of the earthworm's anatomy. Students will:</p> <ul style="list-style-type: none"> • perform an earthworm dissection utilizing lab skills and • identify the external and internal anatomy and functions of an earthworm
* _____	<p>3. What specific content, topic, and/or skill will be taught? Where does this lesson fit within your unit; new material, review, or a diagnostic lesson?</p> <p>The earthworm dissection lab follows class lecture on Phylum Annelida characteristics and specifically the external and internal anatomy and functions of an earthworm. Prior to the start of the lab, direct instruction pertaining to the worm dissection will be given. The dissection itself will reinforce both lab skills and earthworm anatomy and function. This lab offers the best opportunity for students of all ability levels to grasp the concept of a coelomate body plan. The lab closes out the Phylum Annelida lessons and will be followed by student assessment.</p>
* _____	<p>4. What activities will you expect students to do? (If applicable, please attach copies of any handouts students will use.) How will you differentiate?</p> <p>Students will be expected to work with an assigned partner to dissect an earthworm. Students are paired based on ability level. Additionally, students will follow the lab procedure, sketch and label an earthworm, and complete analysis questions. Differentiation is accounted for by carefully matching lab partners, allowing students to choose to observe, assist or dissect based on their comfort level.</p>
* _____	<p>5. How is the lesson structured so that students have frequent opportunities to engage in the content at their appropriate level of learning?</p> <ul style="list-style-type: none"> • Students work in pairs for a double block of time • Students choose to observe, assist, or dissect based on their needs and comfort level

	<ul style="list-style-type: none"> • Students work in pairs first, I meet with each group individually, and the class closes with group instruction, question and answer, and closure
<p>_____*</p>	<p>6. How will you assess student learning? <u>How will you know if students mastered your objectives?</u></p> <p>Group informal assessment will occur as I individually work with each pair of students and ask them to identify the anatomy and define the functions. During this time, I will provide direct instruction for areas of weakness. The completed lab report and an upcoming quiz and test will assess overall learning.</p>
	<p>7. What specific feedback would you like?</p> <ul style="list-style-type: none"> • clarity of the lab directions • if applicable, any suggestions for improving lab safety • a count of student engagement and time on task