

# Physics 122

## Tic-Tac-Toe

### Unit 3 - Fields

<b>Complete</b>	<b>Write</b>	<b>Create</b>
A unit test on fields. Test should be completed within a week of unit competition. Students are required to obtain the test from the teacher. Students who choose this option must write the test on the same day	A report on one of the scientists we have been learning about in class. Your paper should be at least two double spaced pages.	A diagram of a combined circuit containing a power source, resistors in series and parallel and a voltmeter. Diagram can be created using software or by hand (neat).
<b>Draw</b>	<b>Locate</b>	<b>Research</b>
Draw diagrams to represent the fields around a point positive and negative charge.	A lab which demonstrates a concept from the Fields unit and present it to the class. Remember to use materials that are readily available or are not expensive.	The roles of evidence, theories, paradigms, and peer review in the development of the scientific knowledge. Share your findings in a PowerPoint presentation.
<b>Explore</b>	<b>Teach</b>	<b>Develop</b>
The life of a scientist we have been learning about in class. Prepare a Photo Story 3 to share with the class. In addition to pictures, use at least two different features (narrate, music or text)	A lesson on a topic in the Fields unit. This topic must be one that has not been covered by your teacher. Lesson must be created with NoteBook software and presented on SmartBoard.	Ten questions and solutions dealing with the Fields unit that could possibly be used on a final exam. Questions cannot come from the current textbook.

Directions: Choose activities in a tic-tac-toe design - that is horizontally, vertically or diagonally. I choose the following activities:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Student's Signature: \_\_\_\_\_ Date: \_\_\_\_\_