

Lesson Plan Template

Title	Graphing
Grade: 7 th /8 th	Subject: Math
Overview	Students will get a basic understanding of how to graph coordinates on a X and Y Coordinate Planes.
Essential Question	<p>What question frames the main theme or idea you want students to explore and grapple with?</p> <p>Why do we need to understand how to plot points on a coordinate plane?</p>
Subsidiary Questions	<p>Why do we use coordinate planes?</p> <p>What do we use them for?</p> <p>How can they be put to use?</p> <p>When do we need them?</p> <p>What is the importance of graphing?</p>
Connection to Standards	<p>Subject Matter Standard Algebra I – Standard 6</p> <p>Technology Standard Students will use a computer program to graph problems on a computer.</p>
Activities/Tasks Procedures	<p>What will students and teacher do? Be specific and provide a step-by-step process for student tasks and activities.</p> <p>1st—Teacher will provide students with a basic background of X and Y Coordinates.</p> <p>2nd—Students will practice plotting points on paper</p> <p>3rd—Teacher will introduce computer program to students and show them how to use it.</p> <p>4th—Students will use the computer programs.</p> <p>What technology integration strategies are used?</p> <p>Computers will be used by the students.</p>
Assessment	<p>How will students demonstrate understanding of the issues raised in this lesson, particularly in terms of the essential question? (Rubric to be included)</p> <p>Students will be able to demonstrate a mastery of knowledge on how to</p>

	plot points and a rubric will be used to see what level students are at.
Samples of Student Work	What student work will be generated, particularly in terms of portfolio artifacts for assessment? Students will turn-in completed assignments along with notes and tests.
Teacher Commentary Reflection	What problems do you anticipate with this lesson? How will this lesson fit into your overall curriculum planning? Students will encounter problems with graphing and putting plots and either X and Y coordinate. This is the main thing that I stress during lessons.