

Name: Heidi Nunley

Grade Level/Subject: 8th Math

Topic: Billy Bug - Graphing on a Coordinate Plane

Objectives (P.A.S.S.): Standard 1.1b Graph and interpret the solution to a linear equations on a number line with one variable and on the coordinate plane with two variables.

Introduction: The teacher will review the properties of the coordinate plane and the process for plotting points on the coordinate plane.

Instructional process: The teacher will instruct the students to go to the website <http://www.oswego.org/ocsd-web/games/BillyBug2/bug2.html> . The teacher will guide the students through the first game of Billy Bug and then allow the students to play at their own pace.

Closure: The teacher will choose several students to come up to the Smartboard and play BillyBug in front of the class.

Assessment: The teacher will monitor their knowledge by walking around and looking at their score on Billy Bug.

Modifications/Accommodations: A special education student will be allowed to work at his/her own pace.

Reflection: The students really liked this game! After they played the game, they found it much easier to plot points. I will allow more time next year for the students to play the game! Two different class periods would probably be better.