

## Trebuchet Project

**Instructions to Students:** On the Web site

<http://www.globalspec.com/trebuchet/> there is a computer game which simulates a see-saw type trebuchet. There are three parts to the game and you receive a score for each and a total score. Play each part once and write down your score. Do not change gravity, keep wind at zero, and leave the launch angle at 45 degrees. Make a table showing the settings you made for projectile mass, counterweight mass, and counterweight height. Show the distance which resulted from each trial.

After completing the game and chart you will need to go to:

<http://www.algobeautytreb.com/trebmath35.pdf>

Read the first four pages carefully plus the section on page 7 titled “The See-saw Trebuchet.”

Quiz at the end