

Georgia Brewer

## Mini Lesson #4 : Solving Algebraic Equations

Grade : 7th

Curriculum Topic: Algebraic Equations

Tools and Tech : Dry erase boards , Botley tech and accessories, doc cam

Lesson Summary: I will have students work together in pairs to combine different components of an equation that when solved get Botley the coding robot to the Green flag. There will be a key given to each pair of students that shows the parts of the equations represented by each tile. The students will have to solve the equation mathematically on their white board and then go to the floor and do a test run of their equation with Botley. There will be a variety of numbers , variables , and segments of equations including different mathematical symbols but only 3 combinations of tiles or equation segments will result in the correct answer getting Botley to the green flag. We will display correct equations on the doc cam and review them as a class at the end.