

Grade: 1st grade

Subject: Math

Topic: Addition and Subtraction

Standard: AR.Math.Content.1.OA.A.1 Use addition and subtraction within 20 to solve word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions

Tools: Google Docs and Beebot

Implementation: We will begin our lesson by reviewing our addition and subtraction skills. We will do a quick drill and practice on our basic facts ($2+2$, $3+3$, etc) before moving into the lesson. I will explain to my students how a word problem works and how to determine if it is addition or subtraction. This includes explaining the meaning of take away, lose, gain, receive, et cetera. We will work a few word problem examples on the board before moving into our activity. The students will create their own word problems in Google Docs and submit them to Google Classroom. We will then take the students word problems and work them out on a number mat in the floor with Beebot. I will do a few practice ones to show them how Beebot works before we do it as a class. Each student will pick a word problem to do on the mat with Beebot and we will count aloud as Beebot moves to each number. For example, if the word problem has a math problem of $3+6$, we would start Beebot at the number three and have him move forward six times while counting each move starting at the number three to get our answer.