

1. **Grade Level:** Kindergarten
2. **Curriculum Topic:** Mathematics/ Addition & Subtraction
3. **Tools:** For this lesson, teachers will need a Smart Board or other type of projector, device that has a camera such as phone or tablet, QR Code Reader app, free QR worksheet provided by Teachers Pay Teachers counting manipulatives, whiteboard, Elmo Camera and printed answer log for students. Students will need personal device with camera that has a QR Code Reader app downloaded. There is no specific QR Code Reader app required, the students just need to be able to open each QR code. Students will also need a pencil, recording sheet provided by teacher, QR worksheet provided by teacher and counting manipulatives.
4. **Synopsis-** For this lesson, we will be reviewing addition and subtraction. This lesson is intended for students who are already skilled in addition and subtraction. This lesson is great for review or remediation assistance. To begin the lesson, I will give each student a set of counting manipulatives. Then, I will write an addition problem on the whiteboard and ask students to solve using their manipulatives. I will walk around the room and monitor students' progress. I will give students a brief moment to model the equation, then ask them for the answer. I will then ask a student to come up to whiteboard and construct their own addition problem. We will continue this process for several equations, gradually becoming more difficult. I will then move to subtraction. We will model and figure subtraction problems in the same manner. Next, to further the lesson, I will utilize the Elmo Camera. I will use the counting manipulatives to display an equation to the

classroom. I will ask them to use their pencils and write the given equation. Students should be able to accurately count the pieces, and construct the equations into an equation form. To finish the lesson and further assessment, I will give each student a QR worksheet that covers addition and subtraction. They will need their tablets for this portion of the lesson. I will help students as needed to locate the QR reader app. I will model how to scan the QR codes as well. Once students have become familiar with the app, I will give them the answer logs for the worksheet. Each student will individually scan each QR code to retrieve an addition or subtraction problem. Using their pencil, paper, and counting manipulative, they will solve the equation and log onto their answer worksheets. Due to the lengthiness of this worksheet, I will allow students to complete approximately half of the worksheet and ask them to finish the rest of the assignment at home for additional practice. I will review answer logs to formulate a final assessment.

