

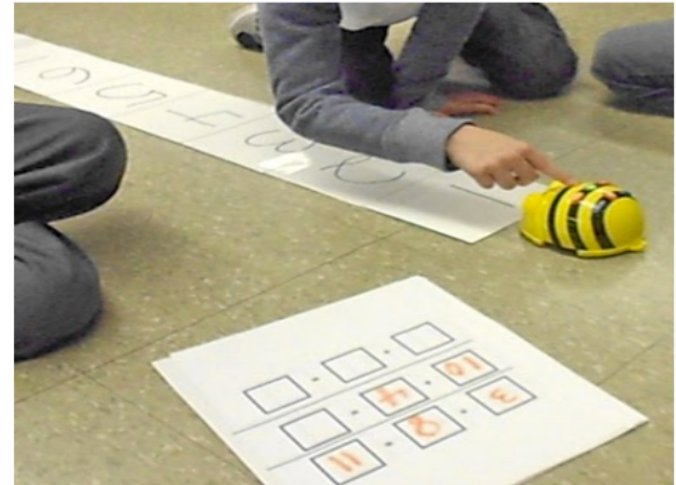
NS&N: ADDITION AND SUBTRACTION OF WHOLE NUMBERS

Materials: BeeBot, masking tape, challenge cards with a variety of addition and subtraction challenges.

Curriculum Expectation: *Students will solve a variety of problems involving the addition and subtraction of whole numbers to 20, using concrete materials and drawings.*

Teacher: Use masking tape to create a number line up to 20 on the floor. Use the transparent grid table to ensure that there is 15 cm between each number on the line.

Activity: In small groups, students will program BeeBot to move along the number line and help them solve problems using addition. For example, if students are asked to solve $4 + 2$, they will press the forward button 4 times, then 2 more times. BeeBot will advance to the number 6.



Extensions: -Practice subtraction by having BeeBot go backwards along the number line

-Encourage students to predict what the answer will be before coding BeeBot.