Recycling Math Story Problems:

Have the children pick 10 recycling items to work with (it can be cans, boxes, or whatever you have that is easily accessible)

Ask the following questions:

1. Count the following items ( Students should be able to count all 10 items unassisted)
2. Tell students to count 2 items out- then add one more item to the pile. Ask how many items are now in the pile. Repeat this process for 3 +1, 4+1, etc. If students can do this easily, add 2 or 3 items at a time. If student struggles have them point and count each item as you add them.
3. Tell students to count 5 items out- take one of those items away. Ask how many items are left?  Repeat this process for 3 -1, 4-1, etc. If students can do this easily subtract 2 or 3 items at a time. If student struggles have them point and count each item as you take items away.

Pre-K Math Standards: Counts to tell the number of objects

PK.MATH.3 Understands the relationship between numbers and quantities to 10, connects counting to cardinality.

PK.MATH.4b Given a number from 1-10, counts out that many objects.

Understands addition as adding to, and understands subtraction as taking from

PK.MATH.8 Explores addition and subtraction by using objects, fingers, and responding to real world situations.