

Yinghua Academy StarTalk Summer Camp Math Center Explanation

Center Name: Counting (Red and Green Beans)

Targeted Math Concept: Estimation, One-to-one correspondence, Counting by 2's/5's/10's,

Mini-Carnival Connection: Guess How Many Station

Cultural Connection: Green beans are a staple food in Asian countries.

Chinese Language Connection: Peer-to-Peer Interactions

Age Group: 1st Grade

Time Requirement: Three 20-minute sessions

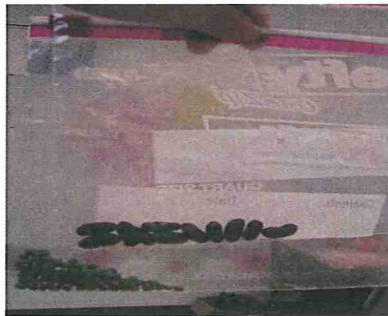
Materials: bags of various amounts of green beans, bags of various amounts of red beans, pencils, results chart, stickers



Directions:

Day 1- Counting by 2's

1) Students individually choose one bag of green beans and one bag of red beans.



2) Students individually estimate the amount of beans in each bag.



3) Students individually record each estimate on results chart.



4) Students individually remove beans from bag and count by 2's.



5) Students individually record results on chart.



6) Students individually trade bags of beans and chart with neighbor.



7) Students individually check each other's work.

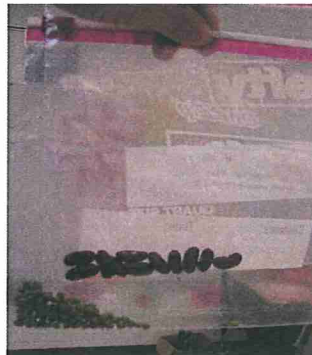


8) Students give each other a sticker and say an encouraging statement.

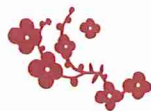


Day 2- Counting by 5's

1) Students individually choose one bag of green beans and one bag of red beans.



2) Students individually estimate the amount of beans in each bag.



3) Students individually record each estimate on results chart.



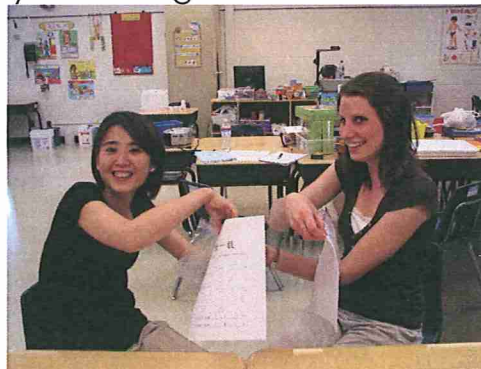
4) Students individually remove beans from bag and count by 5's.



5) Students individually record results on chart.



6) Students individually trade bags of beans and chart with neighbor.



7) Students individually check each other's work.

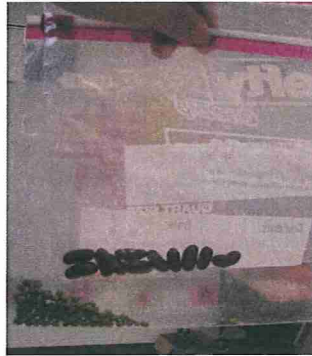


8) Students give each other a sticker and say an encouraging statement.



Day 3- Counting by 10's

1) Students individually choose one bag of green beans and one bag of red beans.



2) Students individually estimate the amount of beans in each bag.



3) Students individually record each estimate on results chart.



4) Students individually remove beans from bag and count by 10's.



5) Students individually record results and answer which was more/less on chart.



6) Students individually trade bags of beans and chart with neighbor.



7) Students individually check each other's work.



8) Students give each other a sticker and say an encouraging statement.

