


# Additional Reinforcement & Extension Activities for: Estimation

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- ESTIMATE BY USING A REFERENCE
- WRITE THE NUMBER

TEACHER NEEDS:  
blocks  
plastic cup

 20 minutes

HELPFUL HINT:  
This lesson can be repeated for practice sporadically with increasingly larger cups/ increasing number of blocks before moving on to Lesson 26: Growing Cups.

## *Activity 1: Cup Estimation*

*Whole group*

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1. Hold up a plastic cup and have the students estimate how many blocks can fit inside.
2. Fill a cup and pass it around allowing the students to take a moment before making their estimation.
3. Have students write their estimations on either a piece of paper or individual dry erase board.
4. After each child has made an estimate, hold up 10 loose blocks in one hand and the cup in the other. Ask the students to look closely and decide if they would like change their estimates based on seeing a small sample of blocks together.
5. Have a sample of students explain how they came to their estimation.
6. Count out the blocks from the cup together.
7. Have the students compare their estimate with the actual amount.

## *Activity 2: Stack em'*

*Individual*

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STUDENT NEEDS:  
blocks  
small holders  
number cube

HELPFUL HINT:  
Vary the number of rolls/ stacks according to student ability.

Stack'em lesson can be estimation lesson as well as addition of multiple addends.

1. Student rolls a number cube and stacks blocks representing the number rolled.
2. Repeat for a total of five rolls, making a separate stack for each roll.
3. Student estimates how many blocks there are altogether.
4. Student checks estimation by combining the stacks and making a train.