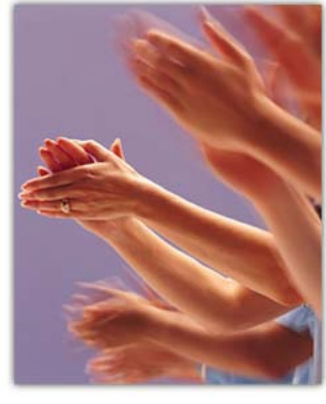


Bringing Mathematics Home - 4

Clapping on Multiples Game



Try some of the activities from Session 3 with your children.

Play the following game with your children:

Clapping on multiples:

In this game, people sit in a circle. A single digit number is picked (for example three). The first person says one, the second says two, but the third person must clap instead of saying three, because three is a multiple of three. The fourth person says four, the fifth says five and the sixth has to remember not to say six, but to clap. This continues until someone makes a mistake and calls out a number that is a multiple of three, or the groups reaches a decided upon goal (for example, 30).

*Note: The number that you choose should not be the same number as people in your circle.

Option 1; Add the rule that if a number contains your chosen digit, you must clap on that number as well. So if you have chosen three, you would clap on 13 because it contains a three.

Option 2: Pick a number like 24 and clap on all of the divisors of that number.

For older children:

Play the factor game several times with your children. Children develop strategies for game only after they have played several times. Ask your children what they think is the best first move for the game and why they think it. This is not a time to teach them the best first move, just record and notice their thinking.