



Name of activity:

Fair Shares

This activity would work best for (check off all that apply):

- Students in grades JK – 1
- Students in grades 2 – 4**
- Students in grades 5 – 8**
- Students in grades 9 - 12

What you need for this activity (list of materials):

A large collection of small manipulatives / materials, like macaroni, marbles, stones, etc.

What you need to do, step by step (clear, step-by-step instructions which will be easily understood by parents / guardians / caregivers):

The idea is to teach about division which is 'Fair Shares'. So you start by taking a handful of the items and have the child determine how many are there. Now you ask them to create 3 (or some other number) fair shares (equal groups). The child can start to distribute the items equally amongst the 3 groups until they are no longer able to create fair shares (equal groups). The next step is to put the model they created into number form. So an example would be that the child started with 76 marbles and had to create 3 fair shares for his friends. He distributed the marbles equally and found that in each group there were 25 marbles with one left over. The number sentence would be $76 \div 3 = 25$ with a remainder of 1.

How you could easily adapt / change this activity:

The complexity of the number of items used and the number of groups to be created can vary. With intermediate students you could work into decimals.