Amanda Bean's Amazing Dream by Cindy Neuschwander	
Parts of the Lesson	Materials Needed
I.Pre-activity: Explore multiplication -Making Arrays. Have children make as many rectangles as they can find, using their blocks, & record findings. – Making Groups. Have children make groups and demonstrate how how 2 groups of 5 is the same as 5+5, or 2x5 (connecting addition to multiplication).	I. Pre-activity: Explore multiplication -Each child gets a minimum of 20 Multilink cubes or Linkit cubes. (These cubes can be linked to make rectangles.)
II. Read the book (Talking points) -Read the story, enjoy the pictures. –Discuss how Amanda is either counting or adding to find totals, then switches to multiplication. -Why doesn't she want to learn multiplication? (Discuss how people learn new things every day, lifelong.)	II. Read the book. -At least one copy of the book. Metacognitive opportunity! As you read, discuss how new ideas (like multiplication) are built on old ideas (like counting and adding). Everything you know helps you learn new things!
III. Do the math: Explore using the multiplication chart. -Have children use 1-in. graph paper to cut out different size rectangles. -Enter numbers on a big chart. -Put the rectangles on 12"x18" charts labeled "1" through "30" -Do as many as you can in the time allotted. [Note when all combinations are found, the charts can be used to discuss prime and composite numbers with older students.]	III. For the activities -Photocopies of 1-in. graph paper -Pencils, scissors, scotch tape -30 pieces of 12x18" paper labeled "1" through "30 -a large blank multiplication chart on one-inch graph paper – or a transparency , so that the group can see patterns emerge on the chart.
IV. Wrap Up (Debrief) -Use the chart to count by 1's, 2's, 5's and 10s both horiz and vertically. Look up multiplication facts. Look for the square numbers.	IV. Wrap Up -(optional) Have children work on the Funbook pages 1-2. Let children take home 20 cubes to build, or to find more multiplicative arrays.