Kala Math/Art project – 'Go Bananas'

Instructions for enlarging ½" sq. banana template grid pattern onto 1" sq. grid paper.

1. Get a sharp pencil with an eraser.

2. Put both the 1/2" sq. grid paper with the banana AND the larger 1" sq. grid paper in front of you.

3. First we have to define the area needed for your banana to fit on the bigger sheet.

4. Look at the template sheet and count out the number of squares needed for the length and width of the outlined shape. (i.e., 21 squares across and 9 squares high).

5. Now look at the big grid sheet and starting from the lower left hand side, count out the squares across and up to make sure that your template pattern will fit.

6. Look at the template sheet and find the square on the lower left hand side where the line starts.

7. Starting on the lower left hand side of the big grid, make a mark or a dot on the 2 points of the square where the line drawing enters the square AND exits the square.

8. Then do the same for the square to the right of it.

9. Keep moving to the right and plot the points all around the shape.

10. Place your finger on the template square you're plotting so you can keep track of how many you've completed.

11. Now we're going to draw the lines between them to make the shape!

12. Once it's drawn, be sure to add tabs, number and label each piece. You can also color it.

13. Cut the pattern out and fold the tabs.

14. Get some tape and cut little pieces (1/2" long). Put these around the edge of your desk where you can easily reach them.

15. Take the #1 - FRONT template piece and the #4- LEFT side piece and make sure both have the TOP label facing the same way.

16. Starting at the top of each shape, line up the top edges and add a piece of tape to attach them.

17. Bend the #1 -FRONT piece to fit the curve of the #4 - Left Side piece, line up the edges and add another piece of tape every 1/2" or so, working your way down.

18. Next, line up the #2 - RIGHT side piece with the edge of the other side of #1 - Front and starting at the top, start taping it.