

Cutting the Cake

Science "Trick"

This quick and easy science "trick" is fun and interesting and uses materials you may already have around your home.

Remember, it's always a good idea to practice at home first!

Suggested Materials:

- ❖ 1 x large plain cupcake or muffin (or similar)
- ❖ 1 x bread and butter knife (do not use a sharp knife)
- ❖ 1 x large plastic plate

Suggested Instructions:



Step 1: At home, place your cupcake on your plate.



Step 2: Carefully cut your cupcake from top to bottom to divide it into 2 halves.



Step 3: Then cut your cupcake from left to right to divide it into 4 quarters.



Step 4: Show your "audience" that you have 4 pieces of cake.



Step 5: Ask your "audience" whether they think you can turn your 4 pieces of cake into 8 pieces of cake by making only one more cut to the cake. Are they bamboozled?



Step 6: Now carefully cut your cake horizontally through its middle to create 2 layers of 4 quarters, one on top of the other. You have cut your cake into 8 pieces by making only one extra cut!



Step 7: Practice this trick a few times at home before trying it at school, if necessary.



Step 8: At school, repeat Step 1 to Step 6.