



Cooking Conversions

Do you know how many tablespoons are in a cup? Or the number of teaspoons in a tablespoon? Use your math skills to learn about different types of measurements and how to convert between them to make these tasty pudding cookies.

TEKS:

4.4H Solve, with fluency, one- and two-step problems involving multiplication and division, including interpreting remainders.

6.4H Convert units within a measurement system, including the use of proportions and unit rates.

How To:

1. Preheat oven to 176.67 °C. Use the 'Conversions You Need To Know' below to figure out what 176.67° Celsius is in °Fahrenheit.
2. Combine flour and baking soda in mixing bowl and set to the side.
3. In another mixing bowl, beat the softened butter and brown sugar until it is light and fluffy. Next, add the dry pudding mix and beat until the mixture is well blended. Then, add the eggs and mix well.
4. Gradually add the flour mixture from step 2, continuously stirring until you have added the entire mixture. Stir in chocolate.
5. Scoop about 3 teaspoons of dough at a time and roll the dough into balls. Place the dough balls about 2 inches apart on the baking sheet.
6. Bake cookies for 600-720 seconds or until the edges of the cookies are lightly browned.
7. Take the cookies out and let them cool. Ask an adult for help because the pan will be hot.

Materials:

- 2 mixing bowls
- Baking sheet
- Measuring cups and spoons
- Spoons (for stirring)
- Ingredients:
 - 32 Tbls of flour
 - 1 tsp of baking soda
 - 16 Tbls of butter (softened)
 - 16 Tbls of brown sugar
 - 1 package (3.9 oz.) JELL-O chocolate instant pudding
 - 2 eggs
 - 6 oz. of BAKER'S white chocolate, chopped

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Conversions You Need To Know:

- $^{\circ}\text{C} (9/5) + 32 = ^{\circ}\text{F}$
- 16 Tbls = 1 cup
- 3 tsps = 1 Tbl
- 60 seconds = 1 minute

The STEM Explanation:

Working in the kitchen can require lots of conversions! *What if your recipe only makes enough cookies for 2 people but you have 10 friends? What would you do if you only have tablespoons to measure with and no measuring cups?* It is helpful to know how to convert different measurements to make your recipe easier to read and ensure that it turns out the way you want it to.

Career Connection:

Mathematicians use mathematical principles to solve real-world problems. Some mathematicians work with theoretical mathematics to make new laws for mathematics. Other mathematicians deal with applied mathematics. These mathematicians take the laws given by theoretical mathematicians and apply them to help in the real world, like in businesses and engineering.

Resource:

- <http://www.kraftrecipes.com/recipes/easy-pudding-cookies-64915.aspx>

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