Families:

Pilot Light Family Meal Lessons are designed to easily bring food education into your home. We recommend using the Family Resources in the following way:

1. Watch the Family Meal video for the lesson as a family.
2. Make the recipe as a family.
3. In the Common Core Connections section, children can learn through and about food while strengthening Common Core English Language Arts or Math skills.
4. Family Discussion questions and Extension Activities are provided to allow learners of all ages opportunities to participate in the learning experience!

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Pilot Light Family Meal Lesson
Flour Tortillas
+ Grades 1-4 Common Core Math - Operations and Algebraic Thinking

Suggested Recipe Age Range: 6-13 year olds

Recipe:

Flour Tortilla Dough (yields 24 large or 32 small tortillas)
- 4 cups all-purpose flour
- 1 teaspoon salt
- 2 teaspoons baking powder
- 2 tablespoons unsalted butter
- 1 ½ cups of water

Directions:
1. Whisk the flour, salt, and baking powder together in a mixing bowl.
2. Mix in the unsalted butter with your fingers until the flour resembles cornmeal.
3. Add the water and mix until the dough comes together; place on a lightly floured surface and knead a few minutes until smooth and elastic. Keep kneading until all of the flour is incorporated. It takes a few minutes, but the dough will come together!
4. Divide the dough into either 24 equal pieces (for large tortillas) or 32 equal pieces (for small tortillas). Roll each piece into a ball.
5. Preheat a large skillet over medium-high heat.
6. Use a well-floured rolling pin to roll a dough ball into a thin, round tortilla. Be sure to roll the dough as thinly as possible!
7. Place into the hot skillet, and cook until bubbly and golden; flip and continue cooking until golden on the other side.
8. Place the cooked tortilla in a tortilla warmer if you have one and continue rolling and cooking the remaining dough.

Materials:
- Counter space
- Mixing bowl
- 1 cup measuring cup and ¼ tsp. measuring spoon
- Rolling pin
- Skillet or griddle plate
- Tortilla warmer or ceramic pot (optional)

Filling suggestions: *feel free to get creative and make this your own!*
- Cheese (to make a quesadilla)
- Protein (chicken, steak, pork, fish, eggs, etc. -- choose your favorite to make tacos)
- Cinnamon sugar and butter (to make a sweet treat)

Common Core Connections:

Grades 1-4
Math - Operations and Algebraic Thinking - What does this mean?
Within the Common Core in first through fourth grade, Operations and Algebraic Thinking covers the basic operations of addition, subtraction, multiplication, and division. Common Core Mathematics asks students to think more critically about mathematical operations - for example, students are asked not only what is 4 times 3, but also asked to explain why 4 times 3 is 12.

What does this look like?
Below you will find math problems and scenarios by grade level that students can work through. Depending on the current skill level of your child, you may want to adjust to a lower level if it is too challenging, or a higher level to create additional challenges. You can also have your child start with the first grade activity and work up towards grade four. For additional practice, you can change the numbers in each problem and have your child work the new problem using different numbers.

Materials needed:
- Pencil
- Paper
- Counters or hundreds chart (i.e. beans, pennies, buttons) if needed

Directions:
Think about an upcoming celebration (it could be a birthday, holiday, special achievement), and imagine you are planning a party to celebrate. You and your family will be making homemade tortillas to eat at the party. Answer the following questions. Be sure to show your work!

Grade 1:
1.OA.A: Represent and solve problems involving addition and subtraction.
1.OA.B: Understand and apply properties of operations and the relationships between addition and subtraction.

Using counters or a hundreds chart, paper, and pencil, solve the following problem:
You have asked your family members how many tacos they would each like. Ashley would like 3 tacos. Tom would like 5 tacos. Jon would like 2 tacos. Maria would like 2 tacos. You would like 4 tacos.

1. How many tacos would Jon and Tom like in all? Show how you figured it out.

_____ tacos

2. How many tacos would everyone like in all? Show how you figured it out.

_____ tacos

3. If 15 people are invited to the party but only 5 can make it, how many people cannot make it to the party? Show how you figured it out.

_____ people cannot come to the party

Grade 2:
2.OA.A: Represent and solve problems involving addition and subtraction.
2.OA.B: Add and subtract within 20.

1. The grocery store where you buy ingredients for the tortillas is 25 miles from your house. If you have traveled 12 miles so far. How many more miles do you have to go to reach the store? Show how you know your answer is correct.
_____ miles

2. At the grocery store, you spend $50. On your way home, you stop and buy a few packs of balloons for $16. How much money did you spend all together for groceries and balloons? Show how you know your answer is correct.
$ _____

3. You blow up 21 balloons for the party. There are 60 balloons in all of the packs you bought. How many balloons did you not blow up?

_____ balloons

Grade 3:
3.OA.A: Represent and solve problems involving multiplication and division.
3.OA.B: Understand properties of multiplication and the relationship between multiplication and division.
3.OA.C: Multiply and divide within 100.
3.OA.D: Solve problems involving the four operations, and identify and explain patterns in arithmetic.

You are setting up chairs for people to watch a movie while you eat the tortillas and tacos. You can set up 12-15 chairs in different types of arrays.
In each box below, there is a description of an array.
1. Draw an array in each of the boxes that matches the description.
2. Then, write a multiplication equation that matches the array that you drew.
3. Finally, write a division equation that matches the array.

3 by 4	5 by 3
12 by 1	6 by 2
7 by 2	1 by 15

Grade 4:

4.OA.A: Use the four operations with whole numbers to solve problems.

Tortillas for Everyone:

1. You decide you will make a few extra batches of tortillas to share with the neighborhood. You will make three different types of tortilla dishes: cheese quesadillas, chicken tacos, and steak tacos.

Tortilla Dish	Amount in One Batch	Amount in 6 Batches
Cheese Quesadilla	15	
Chicken Tacos	7	
Steak Tacos	5	

You will make 6 batches of each to feed all of your neighbors. How many of each will you need to make? Fill in the table.

2. Each family/house in the neighborhood is able to choose 6 individual items. If each family chooses 6 items and there none left over, how many families will you be giving your tortilla dishes to? Show how you got your answer by writing an equation or drawing a picture.

Family Discussion Questions:

Families/children could discuss or write about:
- What other types of bread have you heard of or tried?
- What common ingredients do you think all breads have?
- What is your favorite type of bread? Why?
- What is your favorite thing to eat with tortillas?

Extension Activities:

Here are some suggestions for additional activities that relate to this recipe:
- Research the history of tortillas
- Read The First Tortilla, by Rudulfo Anaya, and discuss the difference between flour and corn tortillas
- Develop a creative filling for your tortilla, based on whatever ingredients you have on hand

This Family Lesson was written by Pilot Light Food Education Fellow, Judith Martin, and Pilot Light Staff.