



TASTING ACTIVITIES:

Cheese, Milk, and Yogurt



Instructions are provided for 3 tasting activities. Prepare students by saying, “Let’s go on a fun adventure and explore food through the 5 senses! Using your senses (sight, touch, smell, taste, and hearing) is a way to get familiar with food or discover a taste for something new. In these tasting activities, you’ll discover that cheese, milk, and yogurt provide unique flavor, texture, and taste to meals and snacks. A variety of foods from all 5 food groups make eating interesting, tasty, and fun.”

*ABOUT LACTOSE TOLERANCE:

- Lactose intolerance is a disorder that makes it difficult to digest lactose, the main carbohydrate (or sugar) in milk. Symptoms are felt in the gastrointestinal (GI) tract and can cause discomfort but are not life threatening.

- Lactose intolerance is a highly individualized condition, with a range of triggers, types and severity of symptoms. Most people with lactose intolerance can comfortably consume certain dairy foods and have few to no symptoms.

- It is important to distinguish lactose intolerance from milk allergy, which is an immune reaction to the protein in milk. True milk allergy is very rare; only about 1%-3% of children have a milk allergy, and fewer adults.

TASTING ACTIVITIES:



1. Three Cheers for Cheese (Lesson 1)



2. Milk Masterclass (Lesson 3)



3. Yogurt, Culture on a Spoon (Lesson 5)

HOW TO CONDUCT A TASTING ACTIVITY:

- Wash hands before preparing food.
- Consider if students may taste as many times as they’d like. If so, have enough samples for each student to taste and more for seconds or thirds.
- Discuss the 5 basic tastes (sweet, salty, sour, bitter, umami).

(Contd.)



For more information and additional resources, visit: <https://DairyCouncilofCA.org>



TASTING ACTIVITIES:

3 Cheers for Cheese!

(Contd.)

Establish classroom norms for trying foods:

- o Students wash their hands.
-
- o The class tastes together. Students will wait until everyone receives a sample.
-
- o Students use all their senses. If they do not wish to taste the sample they can explore it through sight, touch, smell, and hearing.



- o Try tasting a sample many times using small bites, instead of all at once.
-

- o It's OK to like or dislike different foods—that's just another way each student is unique. Encourage an environment of respect and open-mindedness.
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- o During the tasting, do not talk out loud. Doing so may influence others' opinions. Ask students to save their thoughts for the discussion.

OBJECTIVE:

- Students will use their senses to observe and describe the differences in appearance, texture, smell, flavor, and sound between different cheese varieties.

TIME:

10 minutes for preparation | 15 minutes for lesson | 25 minutes total

MATERIALS:

- 3 different types of cheese:
 - o Hard cheese like Parmesan or cheddar
 - o Crumbly cheese like feta or cotija
 - o Soft cheese like cottage cheese or ricotta
- Single serving cups
- Tasting Worksheet
- Blank piece of paper or the other side of the Tasting Worksheet if blank
- Nutrition Primer

PREPARATION:

- Prepare the ingredients or samples ahead of time or during the video portion of the lesson, if possible. Refrigerate until ready to serve.
- Prepare small samples for each student.

For more information and additional resources, visit: <https://DairyCouncilofCA.org>



TASTING ACTIVITIES:

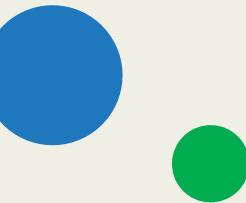
3 Cheers for Cheese!

TEST STUDENTS' CHEESE IQ:

TRUE OR FALSE?

Nearly half of the dairy milk produced in California is turned into cheese. **TRUE**

There are now hundreds of cheese varieties around the globe, including 300 in the United States. **TRUE**



What is the most popular cheese recipe in America?
MACARONI AND CHEESE

PROCEDURE:

1. Review the video and introduce the activity

○ Remember the 5 food groups from the video? Let's test your memory! Write down as many food groups as you can on your paper. (Dairy, Vegetables, Fruits, Grains, Protein)

•••••••••••••••••••••••••••
○ Now, think about your farm friends—cows—and which food group comes from these cool creatures. Circle that food group on your paper.



○ OK, one more challenge. Draw 3 foods made from milk that you enjoy for breakfast, lunch, or dinner. Raise your hand if you drew a picture of cheese anywhere on your paper. Awesome! Guess what? Cheese is the star of today's tasting adventure.

••••••••••••••••••••
○ As you taste these cheeses, you're going to use your senses—your eyes, hands, nose, ears, and of course your taste buds! You'll see the different colors and shapes, feel the textures, smell the aromas, listen for different sounds, and savor the flavors. And guess what? While you're having fun, you'll also learn about the Dairy food group.

2. Time to taste!

Distribute the Tasting Worksheet (or flip over if the back was used earlier) and the first cheese sample. Only distribute one sample at a time, so students don't get confused about which cheese they are tasting. Write the name of the cheese on the board and invite students to copy the word onto their paper. Younger students may wish to

draw a picture of the food rather than write the name. Ask students to make observations about the sample's smell and appearance. Have the students break the cheese to observe the texture. Have them taste the cheese, observing the flavor and how it feels in the mouth. Repeat for each variety.

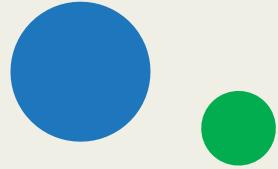


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TASTING ACTIVITIES:

3 Cheers for Cheese!



3. Discussion:

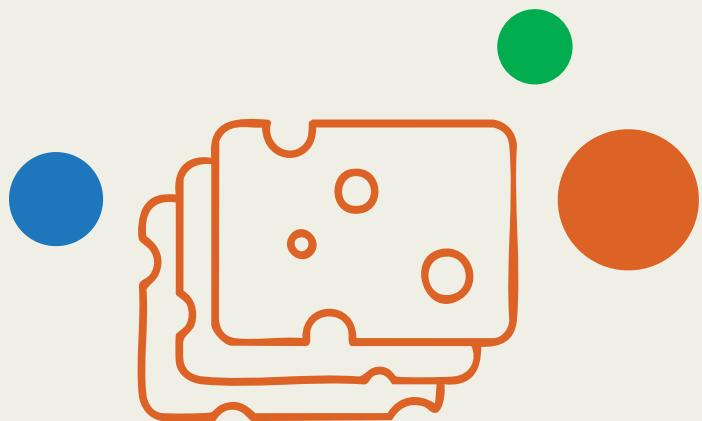
Choose some of the questions below to spark discussion.

- o Did the cheeses look different from each other? How?
.....
- o What did you notice when you broke the cheese?
.....
- o Which cheese had the strongest or most unique smell? Why do you think that is?
.....
- o What words would you use to describe the flavors of the different cheeses?
.....
- o Why do you think people turn milk into cheese? What does cheese offer that milk doesn't?
.....
- o How did you feel about tasting cheeses you might not have tried before?
.....
- o What's one thing you learned about cheese today?
.....



4. Conclusion

Reflecting on your cheese-tasting adventure, it's clear that you've journeyed through a world of flavors, textures, and discovery. Each of you shared your observations, preferences, and thoughts, showing how exciting it can be to explore new foods like cheese. Not only can you enjoy different flavors and textures but you can also nourish your muscles, boost your energy, and build strong bones and teeth.



For more information and additional resources, visit: <https://DairyCouncilofCA.org>



TASTING ACTIVITIES:

3 Cheers for Cheese!



Explore More: Continue the fun food adventure with these additional videos and activities.



For more information and additional resources, visit: <https://DairyCouncilofCA.org>



TASTING ACTIVITIES:

Milk Masterclass

OBJECTIVES:

- Students will use their senses to observe and describe the differences in appearance, texture, smell, flavor, and nutrition between different milk varieties.

TIME:

10 minutes for preparation | 15 minutes for lesson | 25 minutes total

MATERIALS:

- 3 to 4 different types of plain dairy milk such as
 - o Fat-free milk
 - o Low-fat milk
 - o Whole milk (1% milk)
 - o Lactose-free milk (available in a variety of milk fat options and great for individuals or the whole class if students opt out due to lactose intolerance.)
- A container or carton for each milk type
- Transparent or clear single serving cups
- [Tasting Worksheet](#)
- [Nutrition Primer](#)

PREPARATION:

- Prepare the ingredients or samples ahead of time or during the video portion of the lesson, if possible. Refrigerate until ready to serve.

TEST STUDENTS' MILK IQ:

- Which food group does milk belong in?
DAIRY FOOD GROUP

TRUE OR FALSE?

Chocolate milk comes from brown cows.
FALSE (All cows make plain milk. Then people add chocolate after it leaves the dairy farm.)

Milk is a food. **TRUE!** (Milk is a drink and is considered a food because of all the nutrition it provides.)



For more information and additional resources, visit: <https://DairyCouncilofCA.org>



TASTING ACTIVITIES:

Milk Masterclass

PROCEDURE:

1. Review the video and introduce the activity

Use the following points to recall the steps of milk from the farm to you.

••••••••••••••••••
o What's the first step to make sure milk is safe to drink? The processing plant heats the milk to 160 degrees. This step is called pasteurization.

•••••••••••••••
o Do you remember how milk goes through tiny holes? Why is this step important? It's to mix everything up so the cream doesn't separate. That's homogenization.



2. Introduce milk fat.

Show students the different milk cartons. Ask if they have seen the different milk cartons at the store. Ask what type of milk they drink in the cafeteria and at home. Have them make observations about similarities and differences in the packaging. Make the following points about milk:

••••••••••••
o Did you know that all types of milk naturally contain some fat? But sometimes, people will want to have milk with more or less fat, and that's why a little magic happens during processing.

••••••••••
o Think back to milk before it is homogenized. Do you remember how the bottle of milk in the video separated into different layers, with a creamy layer on top? That top layer of cream is the fat we're talking about. It's the special part of the milk that makes it taste really rich and smooth.



••••••••••
o What's the final stop for milk before it gets to you? It is packaged into cartons or bottles. But wait, what else can be made from milk? It can also be turned into foods like cheese and yogurt.

••••••••••
o Today, you'll dive into another fascinating adventure, this time unraveling the secrets of milk's varieties—the different percentages of fat, lactose-free options, and more. In this masterclass, you will explore different types of milk.

••••••
o Now, let's talk about different types of milk. To make fat-free milk, all the cream is removed. Whole milk hasn't had any of its cream removed. Products like heavy cream (often used for making whipped cream) can have cream added to the milk to make them super rich. The milk you're going to taste has different amounts of fat. See if you can taste the differences.





TASTING ACTIVITIES:

Milk Master Class

3. Time to taste!

Distribute the Tasting Worksheet and the first milk sample. Invite students to make observations about the sample's smell and appearance. Demonstrate how to hold the milk sample up to the light to observe transparency. Finally, taste the milk, observing the flavor and how it feels in the mouth. Repeat for each type of milk.



4. Discussion:

Choose some of the questions below to spark discussion.

- o How does the appearance of each milk type compare? Is one milk more transparent (see-through) than the others?
.....
- o How does the texture of each milk feel on your tongue? Do some milks feel thicker or thinner?
.....
- o How might you use each type of milk in different foods or recipes? What type of milk would be best for ice cream? A bowl of cereal? Making mac and cheese? Baking a dessert?
.....
- o Which milk did you like best, and why? Is it based on taste, creaminess, or something else?
.....
- o Do you think the different fat content in these milks affects their taste and texture? How might it impact their nutritional value?
.....
- o What's one thing you learned about milk today?
.....



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TASTING ACTIVITIES:

Milk Master Class

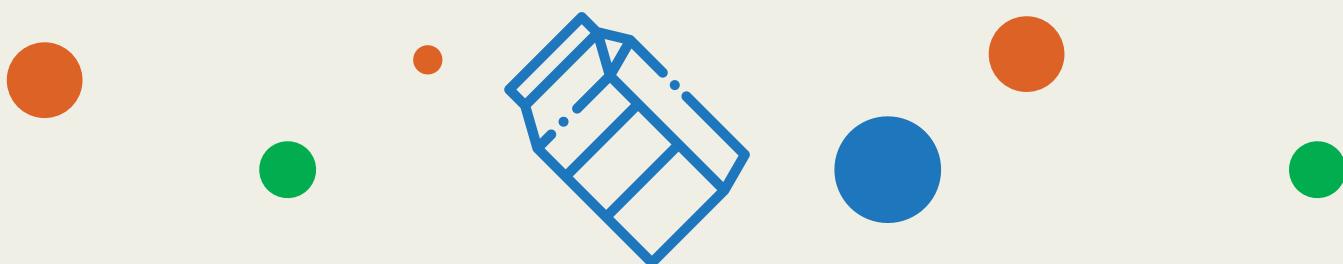
5. Conclusion

In this milk masterclass, you've observed how different types of milk bring their own unique characteristics to the table. Just as you each have preferences, milk comes in various forms to suit different tastes and needs. All forms of dairy milk contain 13 essential nutrients that play an important role in helping you grow and feel well.



Explore More: Continue the fun food adventure with these additional videos and activities.

- o Create a simple bar graph with pictures of each type of dairy milk and the corresponding milk fat percentages. Invite students to help place each product on the graph. This will help students visualize the different fat content for each milk.
- o Select a theme (superheroes, sports, Halloween, etc.) and engage students in a friendly milk carton contest. Students use their imagination to upcycle empty school milk cartons, milk jugs or use the paper [milk carton template](#) provided. Vote for the most creative, cutest or funniest design.



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TASTING ACTIVITIES:

Yogurt, Culture on a Spoon

OBJECTIVES:

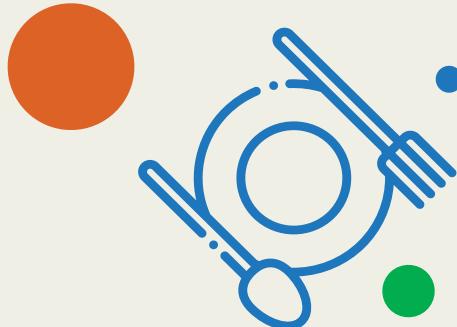
- Students will follow clear instructions and practice measuring and preparing by making two different yogurt dips.
- Students will notice differences in texture, flavor, and appearance between the dips.
- Students will learn how different cultures enjoy yogurt, gaining a better appreciation for diverse foods.

TIME:

20 minutes for preparation | 25 minutes for lesson | 45 minutes total

MATERIALS:

- Ingredients for an Indian-inspired yogurt dip (enough for 6 to 8 students)
 - 2 cups plain, whole-milk Greek yogurt
 - ½ teaspoon salt
 - ½ teaspoon ground cumin
 - Fresh cilantro and mint
- Cucumber slices or spears for dipping
- Ingredients for a Greek-inspired yogurt dip (enough for 6 to 8 students)
 - 2 cups plain, whole-milk Greek yogurt
 - ¾ teaspoon vanilla extract
 - ¼ cup honey
 - Ground cinnamon
- Apple slices for dipping
- Single serving cups
- Bowl and spoon for mixing (clear or see-through bowls to see mixing)
- Measuring cups and teaspoons
- [Tasting Worksheet](#)
- [Nutrition Primer](#)



For more information and additional resources, visit: <https://DairyCouncilofCA.org>



TASTING ACTIVITIES:

Yogurt-Culture on a Spoon

PREPARATION:

1. Wash and cut the cucumbers and apples.
2. Calculate the ingredient amounts needed for each recipe to accommodate the total number of students participating. During the lesson, the class will prepare the 2 yogurt dips.

TEST STUDENTS' YOGURT IQ:

- What is the main ingredient used to make yogurt? **Milk**
- Which vitamin, often associated with dairy products, can be found in yogurt? **Vitamin D**
- **TRUE OR FALSE?**

Yogurt can be baked. **TRUE!** (Yogurt is often used to make moist and tender cakes, muffins, and bread, all of which are baked!)

PROCEDURE:

1. Review the videos from Lessons 1 and 4 and introduce the activity. Remind students of the video on dairy's health benefits and the video that showed how people all over the world and even in their own communities enjoy milk in different ways. Use the following points to talk about what they learned:

Chef Monti made a tasty mango lassi that was inspired by the traditions of a place far away. Can you remember where the idea for this yummy drink came from? **INDIA**

Now, think about your own family. What special food traditions does your family have? Do any of these food traditions include milk or dairy foods?

Did you know that milk and dairy foods have nutrients and health benefits? What are some of the health benefits seen in the video from Lesson 1?

Do you remember any other examples of how people use dairy in their special foods? It's amazing to see how milk is a part of many different delicious traditions.

In just a moment, you'll be diving into a tasting experience where you'll create 2 delightful yogurt dips from different parts of the world. The first dip is Indian inspired. The second dip is Greek inspired. These dips are like windows into the traditions and flavors of distant places, bringing a different culture closer to home. With each spoonful, you'll be embracing the essence of diverse cultures right here in the classroom.

2. Make the yogurt dips.

Prepare the yogurt dips as a whole class or in groups.

For more information and additional resources, visit: <https://DairyCouncilofCA.org>



TASTING ACTIVITIES:

Yogurt-Culture on a Spoon

3. Time to taste!

Distribute the Tasting Worksheet and samples of the Indian-inspired dip. Only distribute one sample at a time, so students don't get confused about which dip they are tasting. Write the name of the dip on the board and invite students to copy the name onto their paper or draw a picture of the sample in the provided space. Invite students to make observations about the dip's smell and appearance. Next, distribute the cucumber spears and demonstrate how to dip them into the yogurt. Finally, instruct students to taste the dip, observing the flavors and how it feels in the mouth. Repeat this sequence for the Greek-inspired dip using apple slices.



4. Discussion: Choose some of the questions below to spark discussion.

- o Did you enjoy the yogurt dishes you tried today? Why or why not?
.....
- o Were there any flavors or ingredients in the yogurt dishes that you found surprising?
.....
- o Did any of the yogurt dishes remind you of something you've tried before?
.....
- o How did you feel about trying yogurt dishes that were new and different?
.....
- o How did trying these new yogurts help you learn more about different places and people around the world?
.....
- o Do you think you could teach someone else how to make one of these yogurts at home? Why or why not?
.....
- o If you had a magic yogurt spoon, where would you want it to take you in the world to try yogurt from another country?
.....
- o What's one thing you learned about yogurt today?



For more information and additional resources, visit: <https://DairyCouncilofCA.org>



TASTING ACTIVITIES:

Yogurt-Culture on a Spoon

5. Conclusion

In this yogurt adventure, you've journeyed across continents through your taste buds, exploring the world of yogurt in sweet and savory forms. Isn't it amazing how different foods go together to create new tasty flavors? As this tasting journey wraps up, savor the richness of understanding and appreciation you've gained, one spoonful at a time.



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