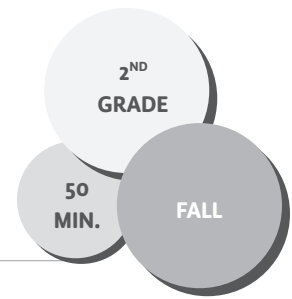


Fun with Fruit Salad

THEME: PREPARING AND ACCESSING HEALTHY FOOD



ESSENTIAL QUESTION

How can we prepare a healthy snack?

LEARNING OBJECTIVE

✓ Students will be able to use multiplication to assemble a fruit salad.

LESSON DESCRIPTION

In this lesson, students collaboratively create a fruit salad in small groups using multiplication.

MATERIALS

- A variety of colorful fruit salad ingredients such as grapes, berries, bananas, kiwi, apple, or pear slices
- Mint leaves, particularly if you have them growing in the garden (optional)
- 1 tray with fruits in separate bowls for each group of 4–6 students

For each student:

- Bowl
- Cutting mat for counting and sorting
- Fruit Salad Recipe Worksheet (p. 3)

PREPARATION

- › Wash and slice bananas, apples, or any other fruit that needs slicing.
- › Portion equal amounts of each fruit into bowls on a tray for each group. Create one extra bowl with some extra fruit to replace anything that might spill.
- › Photocopy the Fruit Salad Recipe Worksheet.

ACTION STEPS

1. Engage: Gather students in a circle, and ask, *What are your favorite fruits to eat?* Explain that today they will be making a fruit salad. **(5 min.)**

2. Model: Explain that you have bowls of delicious ingredients to add to the salad. Give an example. Say, *If I have four people at my table, and each person added three grapes, how many grapes did we put in? (twelve) How did you figure that out? Did anyone figure it out in a different way?* Discuss strategies. Draw on the board, or use a document camera to show the math. **(5 min.)**

3. Wash Hands Break! (5 min.)

4. Making Fruit Salad: Remind students, *We do not want to share germs, so remember not to lick your fingers or taste anything that is going into the group fruit salad bowl. We'll eat everything together at the end.* Give each table group their tray of fruit salad ingredients, and explain that you'll be adding one fruit at a time after instructions are given. Give them math challenges for each fruit, such as, *Everyone put in two slices of banana. Now, how many slices of banana are in there total? Or, We need twelve apple slices total. How many slices should each person put in? How did you figure that out? Did anyone figure it out in a different way?* Discuss strategies. Continue until every piece of fruit has gone in. **(10 min.)**

5. Tasting: Once the fruit salads are made, have students take turns tossing everything together and then serving into smaller bowls. Challenge them to make it as fair as possible. Have students wait until everyone at their table group has their own bowl of fruit salad before beginning to eat. **(10 min.)**

6. Recipe: Show students the Fruit Salad Recipe Worksheet and give them time to make their own recipe to take home. **(10 min.)**

REFLECTION

Have students discuss the following questions in small groups, then share with the class: **(5 min.)**

- *How would you make a fruit salad at home? Would you add any spices, herbs, or other fruits?*
- *What would fruit salad be like with just one type of fruit in it? (bland or boring.) This salad has a lot of “diversity” in it. That means there’s a lot of variety or different items included. Our class also has a lot of diversity. We have lots of different people with different personalities, cultures, ethnicities, languages, interests, and talents. What would this group be like if everyone were exactly the same? (boring; we couldn’t learn from each other because we would all know the same stuff, etc.) Diversity makes things interesting and gives us opportunities to learn from one another.*
- *How did you work together to make fruit salad? What would you like to work on in the future in terms of teamwork?*

ADAPTATIONS

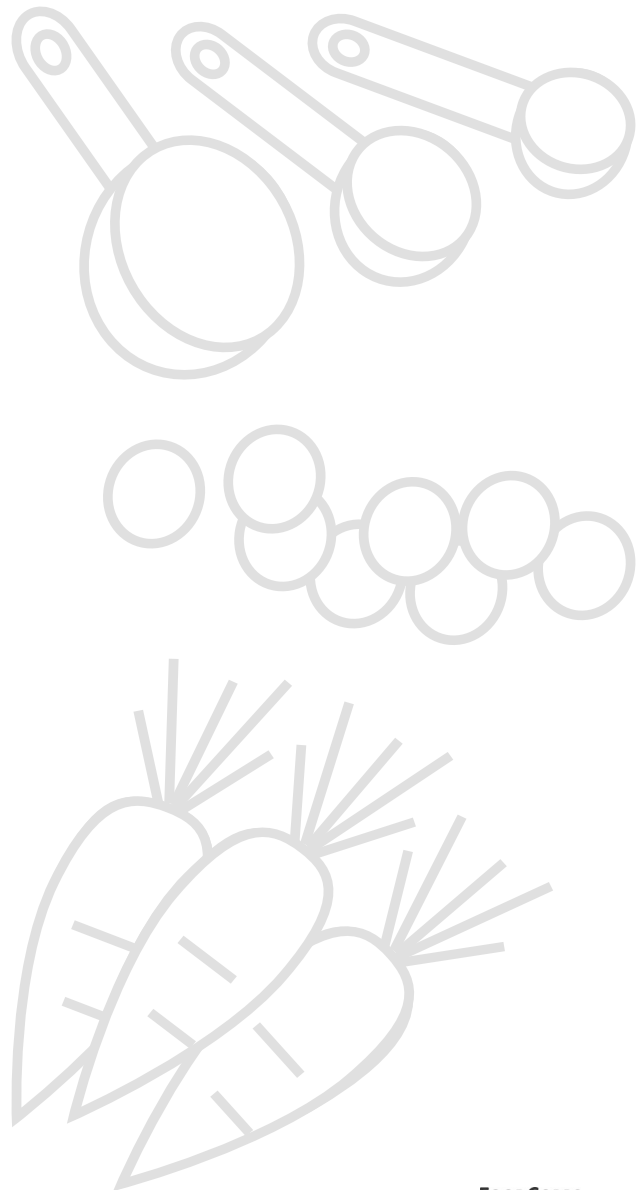
Garden Setting: Add edible flowers, mint, or other items from your garden into the fruit salad. Grow berries or other fruit in your garden.

ACADEMIC CONNECTIONS

Math Common Core State Standards

CCSS.MATH.CONTENT.2.OA.C.3

Determine whether a group of objects (up to 20) has an odd or even number of members, e.g., by pairing objects or counting them by 2s; write an equation to express an even number as a sum of two equal addends.



Fruit Salad Recipe Worksheet

5 3 2 10

grapes banana slices apple slices yum!

OUR FRUIT SALAD

Follow the example above to create your own illustrated equation based on the fruit salad you made.

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