

Pizza Math (About 2 weeks)

1. This is a unit that focuses on classification, sorting, counting, art, careers, and language arts.

These items need to be pre-cut from construction paper before starting this activity, 12 mushrooms (gray), 8 (3-inch diameter) pepperoni (brown), 10 (4-inch diameter) tomato slices (red), 7 pepper rings (green), 11 olives (black), 9 onion rings (white), 1 large (about a 12-inch diameter) crust (yellow).

2. Create a worksheet with a list of the above items.

Example:

_____ 1 Yellow crust
_____ 10 Red tomatoes
_____ 8 Brown pepperoni
_____ 7 Green peppers
_____ 12 Gray mushrooms
_____ 11 Black olives
_____ 9 White onions

I use color words to help them collect the items. This is a great way to reinforce these color sight words.

3. The children go around collecting the correct amount for each item, then check them off when they have collected them and put them into their shopping baskets.
4. They can now start gluing them onto the large yellow crust in the same order that is on the list.
5. For the cheese, I would put white paint into a glue container. The children can squiggle it on their pizzas. These look great.

[Developed by Barbara Gilhuly, Stafford, CT]

Chef Hat

Every child gets to be a chef. This means that everyone needs a hat.

1. You will need a 24" x 36" white construction paper.
2. Cut off 6 inches off of the 36" side. Save this to attach later. The paper is now 24" x 30".
3. Measure 2 inches from the top then draw a line across the length of the 30 inches. This will be where the children will fold later.
4. The paper should be the 30 inches across. The children draw several 12 inch lines from the top of the paper toward the bottom with about a 4-inch space in between each line. The child will cut on these lines. (See pictures.)
5. After the child has cut, fold at the top line. This will form a flat top.
6. Print the child's name on the strip that had been cut off. They can trace their name with glue then add glitter. This can now be stapled onto the bottom of the hat. When the glue has dried, measure hat to the child's head and staple.

Place mats

When we create our restaurant we need place mats for the tables. This is where we use a pattern to create our design, it is usually an ABB pattern of red/black or red/white.

1. I use 18" x 24" white construction paper. Divide the paper into 3 rows across and 5 rows down. Use magic markers to create the rows.
2. The children can color in the squares using an ABB pattern.

Job Applications

Since we set up a restaurant in our classroom, there has to be jobs for everyone.

1. We talk about going to a Pizza shop and what we might see. We brainstorm who might be working there as well as some of the jobs that are needed to make a restaurant successful. I write down all their ideas.
2. Some years, we take a walking field trip to the local pizza shop to get ideas and to see who works there and what they are doing.
3. I make out a job application which they have to complete. It will give them a chance to write their full name as well as their address and telephone number. We go over all this information if they don't know it.
4. The children get to write about which job they might like to have in our restaurant. They also have to write why they want that job and what they will do.
5. At Author's time, each child will be able to read their application.
6. Every child gets the job they want. They will be able to do this in our housekeeping corner which has been turned into a restaurant.

Restaurant

This is the best part of this unit. The children get to change the housekeeping corner into a restaurant. They come up with a name for the restaurant, come up with what will be served, and make suggestions for what the prices will be. I bring in a pizza peel from home and several menus from local restaurants. There is plenty of play dough available for youngsters to make a pizza. The fun part is when they advertise what they are selling and the prices. These are displayed on the storefront. Everyone wants to create an advertisement.

Time for the real pizza.

1. Each child is given a partner in which each one will take the responsibility of being the customer, a waiter/waitress as well as the cook. They will take their partners order then cook up the order. The child who is the customer gets to eat the creation and then pay the cashier when they are done.
2. Other youngsters are sent around the building taking orders from the staff. The child gets to add up the total by counting out the money for each item the person orders (some youngsters are able to use a calculator). They will give these orders to the different chefs. A delivery person will deliver the pizzas when they are cooked. This is fun for the children as well as the staff.

Pizza Unit



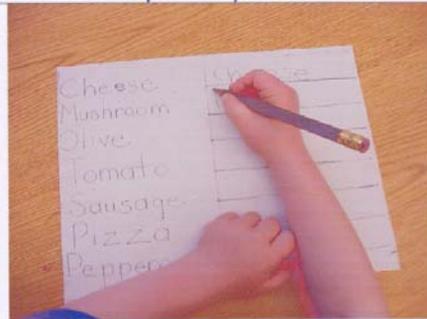
Children are using the calculator to help them add their pizza order.



This is a first time experience for most, so help is always available.



We make placemats for our pizza restaurant by using an extended ABC pattern.



Children make selections for their pizza by copying the words of the toppings they might choose.



Children create their own pizza book. We use their pictures to make it look like they are part of the illustrations. This is a great time to practice our printing and reading.



Students count the money for each item. Each student is given 25 cents but it is not enough to purchase all the items. They will need to make choices with their money.



Children collect items for their pizza collage. They need to count out how many items they will need as well as reading the color words.



Here are some of the children getting started with their pizza collage collection.



Finished products.



Children measure, draw lines then cut to create a chef hat.



Here is Angela in her completed chef hat.



Children are teamed up to take each other's orders, then make the pizza.



Children go around the building getting orders from staff.



He needs to count out the money for the order.

Other things that we do for this unit are to create advertisement for our restaurant. The students must also write a job application for the position that they would like to fill. This is a great time to go over addresses and improve writing skills.

Of course, the best part of the unit is to make the individual pizzas and then the eating.