

FEED THE PENGUINS

Purpose: Students will identify coins and demonstrate knowledge of each coin's value.

Suggested Grade Level: K-1

Math SOL: Measurement K.7

Equipment/Materials Needed:

1. Paper penguins with different values of coins pasted on them. For example, one penguin with a 1, one penguin with a 5, one penguin with a 10 and one with a 25.
2. Cut-out paper fish with coin pictures on them. For example, some fish with a penny, some with a nickel, and others with dimes or quarters.
3. Paper plates

Advance Preparation: Post penguins on the board (or another place in the room), put the fish in an imaginary pool in another location in the room, face down. Scatter the paper plates that will be used as imaginary ice skates on the floor by the pool.

Directions:

1. Tell students that they are going to take turns fishing in a pool and feeding their fish to some hungry penguins. And the fun part is they can ice skate to the penguins.
2. Show the students where the pool, penguins, fish and skates are located in the room.
3. Explain that the penguins are very picky eaters and will only eat a fish that matches their coin amount. For example, a penguin with a 5 on it only wants to eat a fish with a nickel on it. At this point review with the students the value of each denomination of coin.
4. Demonstrate the activity for the students. You may need to show them how to ice skate by placing one foot on each paper plate and sliding it across the floor without lifting the feet. (Or you can eliminate the paper plates and have the students just glide across the room as if they were ice skating.)
5. Explain that after they find a penguin that they think matches their fish, they should skate to you so that you can check to make sure that they have a match. Ask one student to begin the activity.
6. If that student matches the fish with the correct penguin, explain to the class why it is a correct match and let that student have another turn. After two correct matches, that student can select another student to come feed the penguins.
7. If a student has not correctly matched the fish and penguin, say "No, this penguin does not like that fish-- it isn't a match so please choose someone to find the match for you." The student will choose another student and give that student the fish, penguin, and skates so the new student can return the incorrect penguin to the board and find a different penguin that is a match.
8. For every correct match, either you or the student should explain why it is a correct match. Continue in this way until everyone has had a turn or you run out of time.

Modifications/Variations:

1. Change the pictures to have coins on the penguins and totals on the fish.
2. Make the lesson more active by placing the penguins in hula hoops, fish face down in the middle of the room and the students in pairs or trios. Have a student from each group skip to the pond(middle of room) and return to their group and discuss which coin is on the fish and which penguin it should go with. Have that student take it to the hula hoop with the matching penguin and place it face down in that hoop and return to their group so that the next person in their group can go. Continue until all fish are in the hula hoops. Take kids to each hoop and flip fish over to see if they are all in the correct hoop.

This lesson was developed by the School Health Initiative Program (SHIP) for the Williamsburg James City County Public Schools (WJCCPS), Williamsburg, VA. SHIP is funded by the Williamsburg Community Health Foundation (WCHF). Parts or all of this lesson can be used and reproduced without permission provided that SHIP, WJCCPS and WCHF are credited.



*Williamsburg Community
Health Foundation*

This lesson was developed by the School Health Initiative Program (SHIP) for the Williamsburg James City County Public Schools (WJCCPS), Williamsburg, VA. SHIP is funded by the Williamsburg Community Health Foundation (WCHF). Parts or all of this lesson can be used and reproduced without permission provided that SHIP, WJCCPS and WCHF are credited.



*Williamsburg Community
Health Foundation*