
# 100th Day of School Activities

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## Introduction

*100th Day of School Activities* is a 16-page resource book describing projects teachers can do with their students to celebrate the 100th day of school. Activities include language arts, mathematics, science, art, physical education, community service, and family involvement projects. Learning to count to 100 is an important proficiency in the elementary school curriculum. Using the activities in this book helps to incorporate this aspect of children's education into their daily lives.


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# Floating Pennies

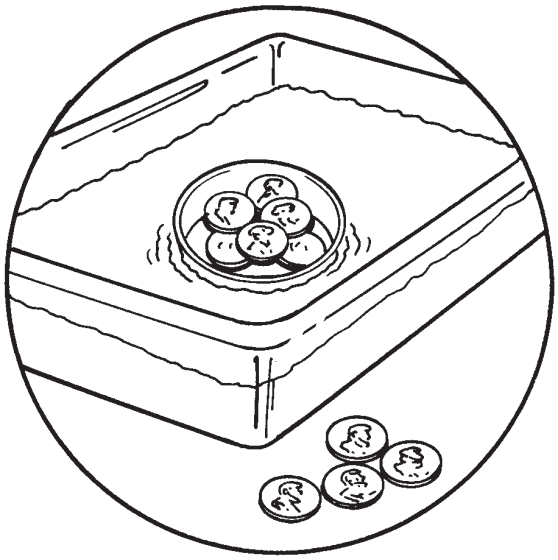
For this experiment you will need to collect at least 100 pennies. If you are conducting it as a cooperative group exercise, you will need 100 pennies per group. Send home the note below requesting Styrofoam plates. (You may wish to substitute Styrofoam with aluminum foil made into boat shapes.)

## Materials:

- a deep clear container
- Styrofoam plates
- water
- pennies

## Directions:

Fill the clear container 1/3 to 1/2 full with water. Carefully place the shallow plate onto the water. Demonstrate that the plate is to remain floating. Give each student a penny and, one by one, have the students place their pennies onto the plate. Before each penny is added, the group should predict whether the plate will continue to float or if it will sink. After several have been placed on the plate, have students predict how many pennies they think the plate will hold before it sinks. Predictions can be recorded on a chart. After placing the pennies, compare the prediction with the actual result.



## Questions for Discussion:

Can 100 pennies be put on the plate before it sinks?_____

Will results be affected if larger plates are used?_____

Is the weight of the pennies a greater factor than the size of the plate? _____

As an extension, have students try a variety of Styrofoam plate sizes, or a collection of aluminum foil shapes, on which to place pennies.

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Dear Parents/Guardians,

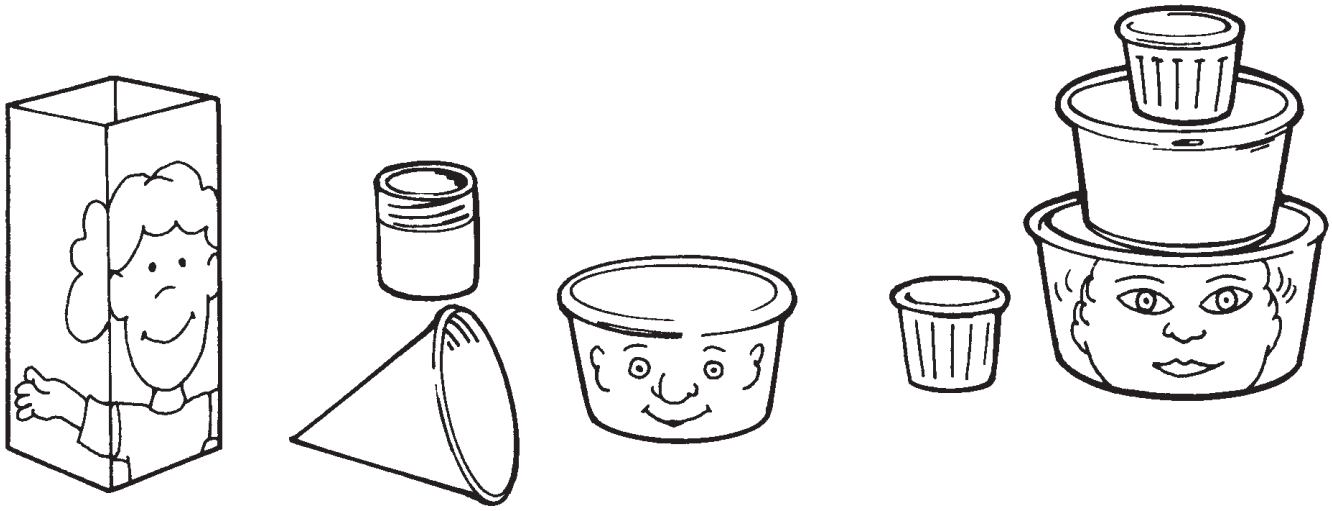
We will be conducting an experiment about sinking and floating which requires aluminum foil or Styrofoam plates in a variety of sizes. Please collect these items and have your child bring them to school by_____. Thank you for your donation to this project.

Sincerely,

_____

# Nesting Dolls

Your students will enjoy creating these charming nesting dolls as part of your 100th Day celebration. Professionally made nesting dolls are available in many stores, especially during the winter holiday season. The decor has expanded from traditional Russian or Polish women to cartoon and political figures. For primary students, this project can be expanded to learn about sizes: small, medium, large or big, bigger, biggest. Older students can count by multiples of four to reach 100, relating this to multiplication and division facts.



## Materials:

- containers: egg cartons, milk cartons, paper cones, plastic cups from ice cream sundaes, small fast-food restaurant cups, plastic drinking cups in assorted sizes, yogurt containers, cottage cheese containers, margarine containers, empty film canisters, etc.
- glue and tape
- markers, crayons, or paint
- assorted odds and ends of ribbons, felt, fabric, buttons, paper scraps

## Directions:

Each student will need four containers of different sizes which will comfortably nest inside each other. If possible, display a set of wooden nesting dolls and show the students how they can be opened so that the smaller figures fit inside the larger ones. Choose a decorating theme such as the growth cycle of a plant, sports personalities, inventors, storybook characters, people in history, or family members. Position the containers upside down so that the opening is on the desk. The students use the odds and ends to decorate their three containers according to their theme. When finished, the characters can be used to create a story such as *The Three Little Pigs*, *Goldilocks and the Three Bears*, *My Pets*, or *My Family*. The pupils can construct a puppet theater or stage from a large box or use the tops of their desks. Invite other classes and parents to view your performance.