

# What Would You Want 100 Of?

100 STORE	
15	
14	
13	
12	
11	
10	
9	
8	
7	
6	
5	
4	
3	
2	
1	

NUMBER OF STUDENTS

COOKIES

FROGS

BOOKS








BALLS

DOGS

FRIENDS

TEDDY BEARS

OTHER

CHOICES

# What Would You Want 100 Of?

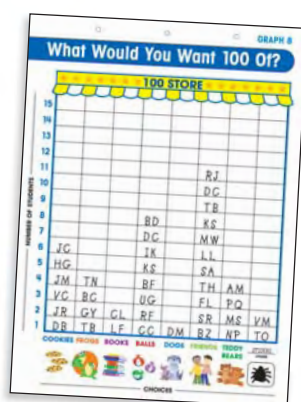
On the 100th Day of School, kids make paper chains with 100 links, sort 100 buttons, eat 100 raisins, build 100-block towers, and honor all things 100. Now, they can add a quick and fun graphing activity to the mix!

## Thematic Ties

- \* 100th Day of School
- \* All About Me

## Skills and Standards

- \* Graphing
- \* Number Sense
- \* Sorting and Classifying
- \* Interpreting Data
- \* Comparing Sets
- \* Predicting
- \* Counting
- \* Addition
- \* Word Problems



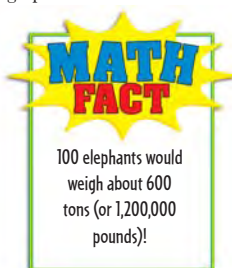
## Introducing the Graph

Place Graph 8 on an easel, having children gather around so that everyone can read it. Explain that you are going to create a bar graph to show what each child would choose to have 100 of. Talk about some things kids might want 100 of, including the pros and cons of managing such a large quantity. For example, kids might say that they'd like 100 elephants, but where would they keep them? And how would they feed them? After a lively discussion, point to the sets of 100 listed on the graph—100 cookies, 100 frogs, 100 books, and so on—asking children to think carefully about which set they'd chose. Now, point to the section labeled "Other." What other set of 100 might they want to include? Invite students to nominate choices. Jot these on the board, selecting the winner by a show of hands. Then, use the dry-erase pen to write it in the column labeled "Other."

## Completing the Graph

1 Point to the first column, which is labeled "Cookies." Ask children to raise their hands if they would choose to have 100 cookies over all the other sets of 100. Then, beginning at the bottom of the graph, jot each child's initials on a successive horizontal line, as shown above. TIP: If children are older, invite them to come up, one by one, and write their own initials on the lines of the graph.

2 Next, point to the "Frogs" column, prompting children to raise their hands if they would choose 100 frogs. Write each child's initials on a successive line. Repeat this activity to fill each column, until everyone has responded.



## Reading the Graph

1 Make sure that children understand the purpose of this graph: to show, at a glance, what set of 100 each child would choose to have. Now, boost math and critical-thinking skills by posing questions, such as:

- \* Which set of 100 was the *most* popular among children?  
(If you wish, celebrate the winner with 100 claps!)
- \* Which set of 100 was the *least* popular among children?
- \* What other conclusions can you draw by looking at the graph?
- \* What are the pros and cons associated with each set of 100?

To help focus learning, "publish" your findings on a piece of paper and display it beside the graph for all to see.

2 Next, use the graph as a springboard to create a few age-appropriate word problems, such as:

- \* How many *more* children chose 100 balls than 100 teddy bears?
- \* How many *fewer* children chose 100 frogs than 100 cookies?
- \* If five children chose to have 100 books, how many books would they have *all together*?

Finally, challenge children to brainstorm original graph-based word problems to share with classmates.

3 Display the graph on an easel or chalk-ledge for a day, a week, or longer. Then, wipe clean with a damp tissue for further use.

## Extending Learning

Create your own collaborative class book by providing kids with reproducible templates that invite them to complete this rhyme:

If I could have 100  
Of anything at all,  
I'd choose 100 \_\_\_\_\_.  
Now, that would be a ball!

Encourage kids to fill in the blank with a choice from the graph or from their own imagination (such as 100 toy cars, 100 gumballs, even 100 rainbows), then create a companion illustration. When the pages are complete, add a cover with the title "Our Wishes About 100." Then, bind together with O-rings for a motivating send-home book for children to share with parents.



## Book Break

*Counting Our Way to the 100th Day!* by Betsy Franco  
(McElderry Books, 2004)

These exuberant poems are the perfect way,  
To count to and celebrate the 100th Day!