

Bakery Food Truck

Math Project Based Learning

1st & 2nd Grade Print & Google Slides



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For the Teacher

This **Build A Bakery Food Truck** Project Based Learning packet was created for 1st and 2nd grade students. The activities included will provide your students with math practice in an engaging way. The standards addressed in this packet include:

- 1.G.A.2 Compose two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, and quarter-circles) or three-dimensional shapes (cubes, right rectangular prisms, right circular cones, and right circular cylinders) to create a composite shape and compose new shapes from the composite shape.
- 1.G.A.3 Partition circles and rectangles into two and four equal shares. Describe the shares using the words halves, fourths, and quarters, and use the phrases half of, fourth of, and quarter of. Describe the whole as two of or four of the shares. Understand for these examples that decomposing into more equal shares creates smaller shares.
- 2.G.A.2 Partition a rectangle into rows and columns of same-size squares and count to find the total number of them.
- 2.G.A.3 Partition circles and rectangles into two, three, or four equal shares. Describe the shares using the words halves, thirds, half of, a third of, etc., and describe the whole as two halves, three thirds, four fourths. Recognize that equal shares of identical wholes need not have the same shape.
- 2.MD.D.10 Draw a picture graph and a bar graph (with single-unit scale) to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems using information presented in a bar graph.

Directions:

1. Decide if your class will complete the project as a whole group, in small groups, or independently.
2. Copy packets and provide students with materials necessary to complete the packet.
3. Students should complete the project over several days.
4. Preview the activity with your students.
5. Students will complete the self-evaluation reflection rubric.
6. Allow students an opportunity to share their completed projects.

Build Your Bakery Truck!

You're almost ready to open your very own bakery truck... just in time for Valentine's Day! You need to make a few decisions before the big day. Let's get started!

- ☐ Read About Bakeries
- ☐ Practice With Shapes
- ☐ Practice Sharing Baked Goods
- ☐ Design and Name Your Bakery Truck
- ☐ Create A Special Menu Item
- ☐ Bar Graph Practice

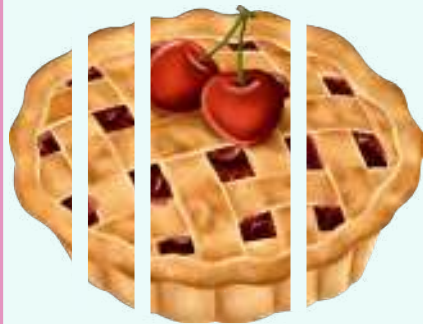


Practice:

You go to a bakery with your three best friends. You want to find a treat for all of you to share.

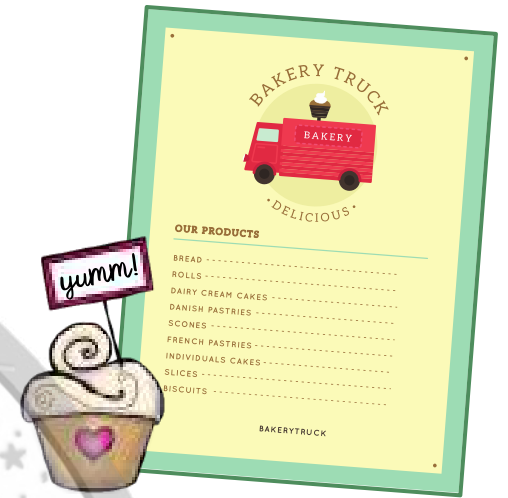


Which bakery item is cut into equal portions for all four of you to share? Circle the correct one.



Give It A Name!

Naming your baked good is like naming your bakery truck. It can be silly, sweet, or simple. Choose a name for your baked good that has 1, 2, 3, or 4 words. The name should let the customer know what kind of baked good it is. Use the spaces below to write each word of your item's name.



WORKSHEET

Examples:

- “Chocolate Crunch Cookie”
- “Bunny’s Brownie”
- “Superhero Pie Slice”
- “Cozy Coconut Cake”
- “Best Biscuit in Town”
- “Suzie’s Cinnamon Roll”

Bakery Menu

draw a picture of
your menu item

write the name
of the menu item

write the price
of the menu item

write the
description of
the menu item

BAKERY TRUCK

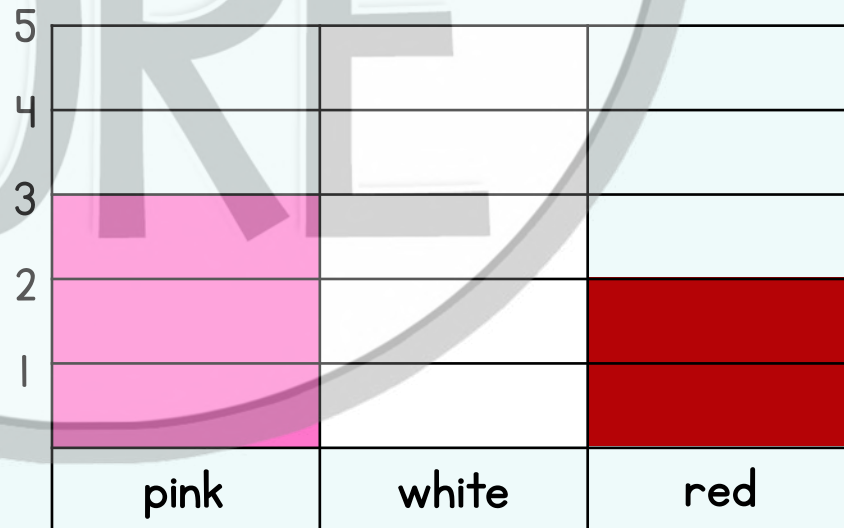
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Making Bar Graphs

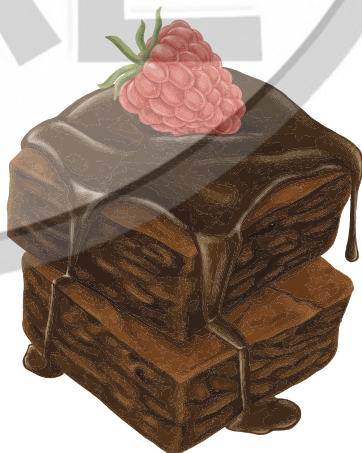
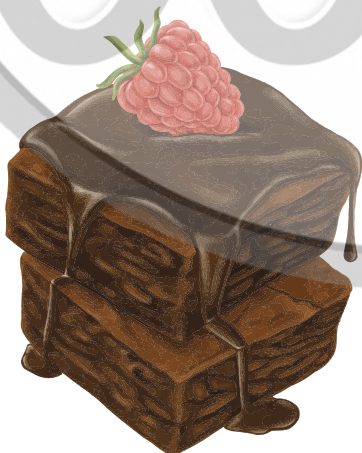
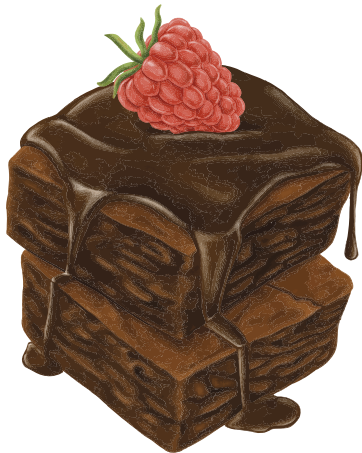
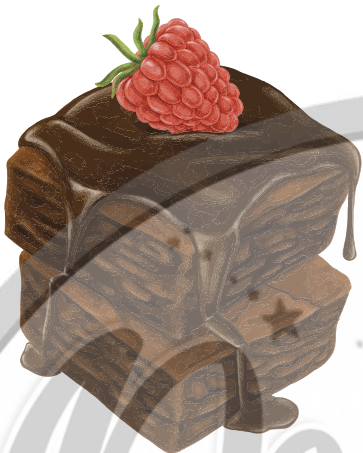
Bar graphs can help us understand quantity. Bakers can use bar graphs to figure out their most popular menu item, or what to add to their menu.

Example:

There are several cookies on the counter. Some are pink, some are white, and some are red. Here is a bar graph that represents the cookie colors.



Class Bar Graph Pieces



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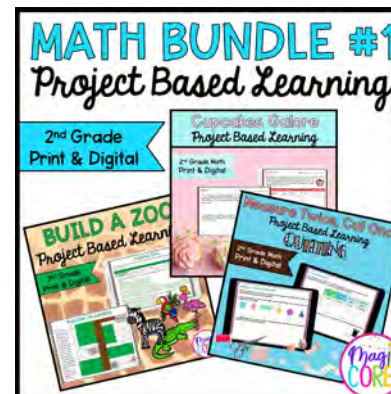


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