13832086 Area and Perimeter Giant Sticker Scene
Teacher Guide

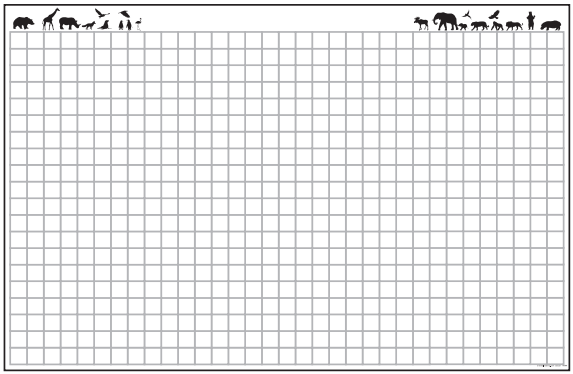
This kit is designed to help students practice and learn area and perimeter through project-based learning, and can be used as a summative assessment or as a practice for your class.

To use:

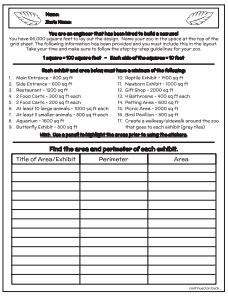
Choose if this is a small group or individual activity.
Hand out a kit to each group or student.

Contents for 1 kit:

1 background sheet



1 instruction sheet



Name
Zoo's Name

You are an engineer that has been hired to build a natural

You have 86,000 square feet to lay out the design. Name your zoo in the space at the top of the grid sheet. The following information has been provided and you must include this in the layout. Take your time and make sure to follow the step-by-step guidelines for your zoo.

1 square = 100 square feet – Each side of the square = 10 feet

Each exhibit and area below must have a minimum of the following:

1. Main Entrance - 800 sq ft
2. Side Entrance - 600 sq ft
3. Restaurant - 1000 sq ft
4. 2 Food Carts - 200 sq ft each
5. 2 Food Carts - 200 sq ft each
6. At least 10 large animals - 1000 sq ft each
7. At least 5 smaller animals - 800 sq ft each
8. Aquarium - 1600 sq ft
9. Butterfly Exhibit - 800 sq ft
10. Reptile Exhibit - 1600 sq ft
11. Newborn Exhibit - 1000 sq ft
12. Gift Shop - 2000 sq ft
13. 4 Bathrooms - 400 sq ft each
14. Parking Area - 600 sq ft
15. Picnic Area - 2000 sq ft
16. Bird Pavilion - 800 sq ft
17. Create a walkway/sidewalk around the zoo that goes to each exhibit (gray tiles)

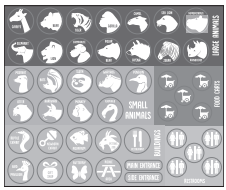
Wish: Use a pencil to highlight the areas prior to using the stickers.

Find the area and perimeter of each exhibit.

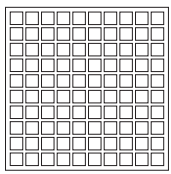
Title of Area/Exhibit	Perimeter	Area

CONTINUED ON BACK

1 animal sticker sheet



Sticker sheets:
2 gray, 1 orange, 1 pink, 1 purple, 1 blue, 1 green



Have students follow the directions on the instruction sheet. (It might be helpful for students to map out their zoo in pencil before using the stickers.)

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