School Fun Fair

3rd Grade Math Project · Events & Planning

Grade 3 · Remedial

Name: Date: Class:

The Challenge

The school is holding a fun fair! Your team plans tickets, prizes, sales and the balloon budget.

You will make: Fun Fair Plan

I can…

- I can multiply and divide within 100 to solve equal-group problems.
- I can add and subtract within 1,000 and round to estimate.
- I can write and solve two-step equations and check that the answer is reasonable.

Materials

- Pencil
- Booth cards
- Poster paper

Steps

1. Part 1: Tickets (Unit 1)
2. Part 2: Prizes (Units 2–3)
3. Part 3: Sales (Unit 4)
4. Part 4: Budget (Unit 5)
5. Check your work and share your fun fair plan.

Look for the yellow Hint boxes. They show a first step.

Part 1: Tickets (Unit 1)

Each child buys a strip of 5 tickets. 9 children buy strips at the first table.

1. How many tickets were sold at the first table?

Hint: 9 groups of 5.

2. Use a strategy to check 9 × 5.

Hint: Break apart or skip count.

Part 2: Prizes (Units 2–3)

24 prizes are shared equally among 4 booths.

3. How many prizes does each booth get?

Hint: 24 ÷ 4: think 4 × ? = 24.

4. Write the fact family.

Hint: Four facts with the same three numbers.

Part 3: Sales (Unit 4)

Morning sales were 215 tickets and afternoon sales were 168 tickets.

5. How many tickets were sold in all?

Hint: Add and regroup.

6. How many more tickets were sold in the morning?

Hint: Subtract and check by adding.

7. Round each number to the nearest 100 and estimate the total. Is your exact total reasonable?

Hint: Round, then add.

Part 4: Budget (Unit 5)

Each booth needs 3 bags of 20 balloons, and a bag costs 4 dollars.

8. Write an equation with b for the balloons needed for all 4 booths.

Hint: Find one booth first.

9. Solve for b.

Hint: 3 × 20 = 60.

10. How much do all the bags cost?

Hint: 4 × 3 bags × 4 dollars.

Extension Challenge

If 30 more tickets are sold in the evening, what is the new total? Round it to the nearest 10.

How your project will be scored

Learning target	4 Exceeds	3 Meets	2 Approaching	1 Beginning
I can multiply and divide within 100 to solve equal-group problems.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can add and subtract within 1,000 and round to estimate.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can write and solve two-step equations and check that the answer is reasonable.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can explain my thinking with pictures, numbers and words.	Clear for every part	Clear for most parts	Some explanation	Little explanation
My fun fair plan is complete and matches my math.	Complete, neat, accurate	Complete	Partly complete	Not complete