Field Day Teams

3rd Grade Math Project · Sports & Field Day

Grade 3 · Advanced

Name: _____ Date: _____ Class: _____

The Challenge

Field Day is coming! The coach needs fair teams and the same equipment at every station.

You will make: Field Day Team Plan

I can…

- I can share a total equally and tell how many are in each group.
- I can make groups of a given size and tell how many groups there are.
- I can solve a division fact by finding the missing factor.

Materials

- Pencil
- Counters
- Paper plates or cups

Steps

1. Part 1: Making Teams
2. Part 2: Sharing Equipment
3. Part 3: Fact Families
4. Part 4: Fair Teams?
5. Check your work and share your field day team plan.

Part 1: Making Teams

There are 28 students. Each team needs 7 players.

1. How many teams can be made?

2. Write a division equation.

3. Write the multiplication fact that checks it.

Part 2: Sharing Equipment

48 balls are shared equally among 6 stations.

4. How many balls go to each station?

5. Is this sharing or grouping? Explain.

Part 3: Fact Families

Use multiplication to divide.

6. Use $4 \times 7 = 28$ to find $28 \div 4$.

7. Find $42 \div 7$. Write the related multiplication fact.

Part 4: Fair Teams?

Two more students join, so there are 30 students.

8. Can teams of 7 still be made with no one left out? Explain.

9. Find a team size from 3 to 10 that works for 30 students. How many teams?

Extension Challenge

The coach has 45 cones and 35 flags for 5 stations. How many cones and flags does each station get?

How your project will be scored

Learning target	4 Exceeds	3 Meets	2 Approaching	1 Beginning
I can share a total equally and tell how many are in each group.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can make groups of a given size and tell how many groups there are.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can solve a division fact by finding the missing factor.	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 field day team plan is complete and matches my math.	Complete, neat, accurate	Complete	Partly complete	Not complete