

Who Won The Race

Thank you for downloading the science and mathematics activity packet! Below you will find a list of contents with a brief description of each of the items. This activity packet contains all the information (including any handouts) you will need to run this activity in your own classroom or at a science festival.

Please note: some activities might require the need for a facilitator to be present to oversee the activity. Activities that require a facilitator will be clearly noted.

-Community Resources for Science



Who Won The Race

ACTIVITY PACKET CONTENTS

1. Organizer Instructions for the person running the activity
 - Print suggestion: 1 for the facilitator
 - Includes information for setup prior to the event (e.g., materials prep)
2. Participant Instructions (tabletop sign/printout)
 - Print suggestion: 1-2 to put in a plastic sign holder
3. Activity Printout(s) for participants
 - Print suggestion: number of expected participants
 - Printouts needed for participants to do the activity (e.g., cutout templates)



Who Won The Race

ORGANIZER INSTRUCTIONS

Grade(s): 2-6

Standard connections:

- **CCSS.Math.Practice.MP1** Make sense of problems and persevere in solving them
- **CCSS.Math.Practice.MP2** Reason abstractly and quantitatively
- **CCSS.Math.Practice.MP7** Look for and make use of structure

Next Generation Science Standards: Science and Engineering Practices

- **Constructing Explanations and Designing Solutions** Use evidence (e.g., measurements, observations, patterns) to construct or support an explanation or design a solution to a problem

Objective: Use deduction and critical thinking to solve ordinal word problems

Activity overview and background: Student-directed, independent activity. Students solve a series of ordinal word problems. One handout is intended for grades 2-3 and another handout is for grades 3-6. However, students can attempt more challenging problems if they are capable.

Materials:

- Handout with directions
- Pencil
- Colored objects or crayons for colored drawings (if needed)

Setup:

1. Give each student a handout, a pencil, and colored objects if needed

Instructions

Let's play a game to see who won the race!

1. Take one handout and read the directions for arranging “runners” in the correct order
2. Use colored objects or colored drawings to assist in arrangement, if needed
3. Fill in the correct order in the table at the bottom of the page

Who Won the Race?

(Grades 2-3)

There were four teams competing in a big track race. There were two runners on each team.

Each team wore a different color: blue, green, red, yellow.

- A yellow runner was last to cross the finish line
- One runner was between a red pair
- Two runners were between the blue pair
- Four runners were between the yellow pair



Can you tell what color team won the race?

Who was second and who was third?

To solve the puzzle, arrange the “runners” until they match the pattern described.

1st

8th

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Who Won the Race?

(Grades 3-6)

There were four teams competing in a big track race. There were two runners on each team.

Each team wore a different color: blue, green, red, yellow.

- A yellow runner was last to cross the finish line
- One runner was between a red pair
- Two runners were between the blue pair
- Three runners were between the green pair
- Four runners were between the yellow pair



Can you tell what color team won the race?

Who was second and who was third?

To solve the puzzle, arrange the “runners” until they match the pattern described.

1st								8th