



TREND

Photo Line-Up

Approach: Team

Level: Year 8

Focus: Logic.

Resources: Placement mat, 12 picture cards (numbered on back), 4 clue cards.

Questions/instructions



Arrange the cards numerically from 1-12 before giving them to the students.

Here are the members of a sports team.

There are 12 people in the team.

Spread the picture cards out for the team to view.

The team is going to have its photograph taken, but they need to be arranged in a line from the tallest to the shortest. Here is a mat for placing them on.

Allocate one clue card to each team member.

You will need to use the clues on these cards to place the people in a row, from tallest to shortest. See how well you can work together to find out the order of the team. Discuss the best way to work together before you start.

When the group agrees it has finished its arrangement write down the order of the names, then say:

Now check your cards through one more time to make sure that the order you have them in matches the clues.

Sue is taller than Hone.
Ben is standing somewhere between Tasi and Sim.
There is only one person between Sim and Tuku.

Zip is taller than Mary, but shorter than Hone.
Jan is next to Sim.
Jo is taller than the person wearing glasses.

Jo is shorter than Mary.
Tuku is standing beside both Terri and Jan.
There are seven people standing between Tuku and Jo.

Hone is taller than Mary.
Sim is shorter than Terri, but taller than Ben.
The tallest person's name starts with the letter "T."

Final order fitted clues: all 15 81 (73)

[15 clues] 14 6 (8)

13 6 (7)

10-12 4 (9)

<10 3 (3)

Strategy rating: very good 40 (43)

good 47 (47)

moderate 14 (10)

poor 90 (0)

Cooperation level:

good all involved most of time 73 (80)

moderate all involved some of time 23 (17)

poor 4 (3)

% responses
2001 ('97)
year 8

Commentary

Overall, the 2001 students performed similarly to the 1997 students. The strategy ratings and cooperation levels for these year 8 students were substantially higher than in the corresponding ratings for the year 4 students on the parallel task *Farmyard Race* (previous page).