

TEACHER GUIDELINES

SOLUTION

Starting order of team



The solution to this challenge is so specific, you may wish to practice using cards as shown above.
The notes are outlined below.

- Step 1 D moves forward to empty base.
- Step 2 1 moves around D to empty base.
- Step 3 2 moves forward to empty base.
- Step 4 D moves around 2 to open base.
- Step 5 C moves around 1.
- Step 6 B moves forward to open base.
- Step 7 1 moves around B.
- Step 8 2 moves around C.
- Step 9 3 moves around D.
- Step 10 4 moves forward to open base.
- Step 11 D moves around 4 (D completes switch).
- Step 12 C moves around 3.
- Step 13 B moves around 2.
- Step 14 A moves around 1.
- Step 15 1 moves forward (1 finishes).
- Step 16 2 moves around A (2 finishes).
- Step 17 3 moves around B.
- Step 18 4 moves around C.
- Step 19 C moves forward (C finishes).
- Step 20 B moves around 4 (B finishes).
- Step 21 A moves around 3.
- Step 22 3 moves forward (3 finishes).
- Step 23 4 moves around A (4 finishes).
- Step 24 A moves forward (the task is complete).

ORANGE (O)