
CHALLENGE CARD

Factor In

Equipment

Twelve round bases with numbers written or taped on top.

Starting Position

The team should be at the entrance to the maze, connected, and ready to enter.

Our Challenge

The team must remain connected and move through a maze of numbered bases. The team members must stand on various bases in the maze, but the bases they are using must have a total number that can be factored by three.

The task is mastered when all group members move from the entrance of the maze to the exit while remaining connected, and they must keep the sum total of the bases a factor of three.

Rules and Sacrifices

1. Team members must stay connected during travel.
2. Team members may only move one base at a time.
3. Team members may move only in either a straight or diagonal path.
4. Teammates may not be two bases away from the immediate person they are connected to.
5. Only one team member may enter the maze at a time. When teammates get to the last row of the maze, they must stay connected, but they may step out of the maze.
6. After each team member enters or exits the maze, the total-sum number (of the bases team members are standing on) must be a factor of three. Otherwise, the team must start again.
7. Only one person on a base at a time.
8. No one should call others by their last names or use put-downs.
9. If any rule is broken, the team must go back to the entrance and start again.

ORGANIZER CARD

Factor In

Questions

1. Do teammates have to stay connected during travel?
2. How many bases can one person move at a time?
3. The sum total of all the bases that the teammates are standing on must be a factor of what number?
4. Can teams have more than one person on a base at a time?
5. What happens if a team member breaks a rule?