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## CHALLENGE CARD

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### Thinking Outside the Dots

#### Equipment

Nine poly spots set up in a grid and four long jump ropes.

#### Starting Position

The ropes are lying next to the grid. The group begins the challenge by lifting the ropes off the ground and starting.

#### Our Challenge

The group must find a way to suspend the ropes over the dots so that the ropes cross above all nine dots. The group may not double up the ropes.

#### Rules and Sacrifices

1. The group may tie ropes together.
2. The group must suspend the ropes above the bases without touching the floor or bases during all attempts.
3. The rope may pass over a base more than once but no part of the rope may overlap.
4. If any part of the rope touches the floor, the attempt fails and the group must begin the task again.
5. If the group creates more than four line segments, the attempt fails.
6. With each failed attempt, the team must start the task over with one fewer team-mate being allowed to speak.
7. No one may call others by their last names or use put-downs.

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## ORGANIZER CARD

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### Thinking Outside the Dots

#### Questions

1. What equipment do we get?
2. What happens if the ropes touch the floor?
3. What happens if we double up the ropes?
4. How many line segments must we create?
5. Are there any safety issues that we should discuss?