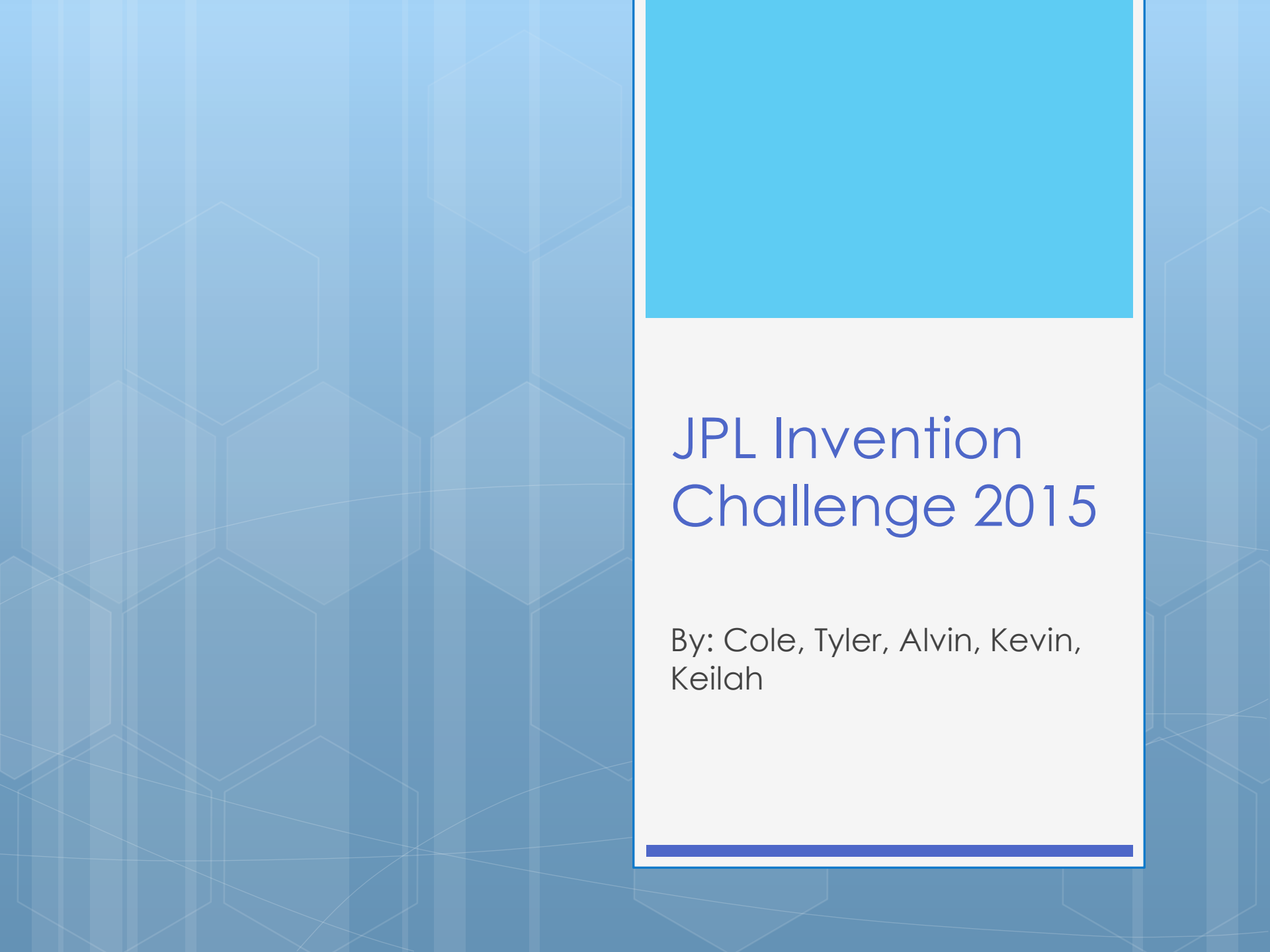


The background of the slide features a repeating pattern of light blue hexagons on a darker blue gradient. A solid light blue rectangle is positioned in the top right corner.

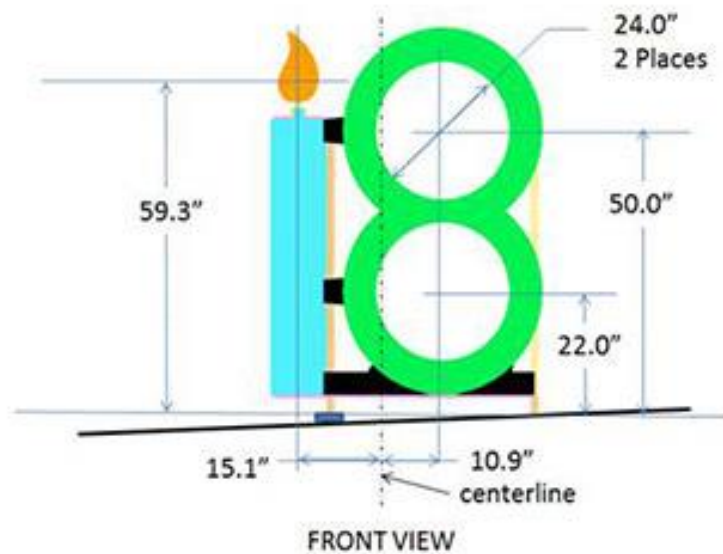
JPL Invention Challenge 2015

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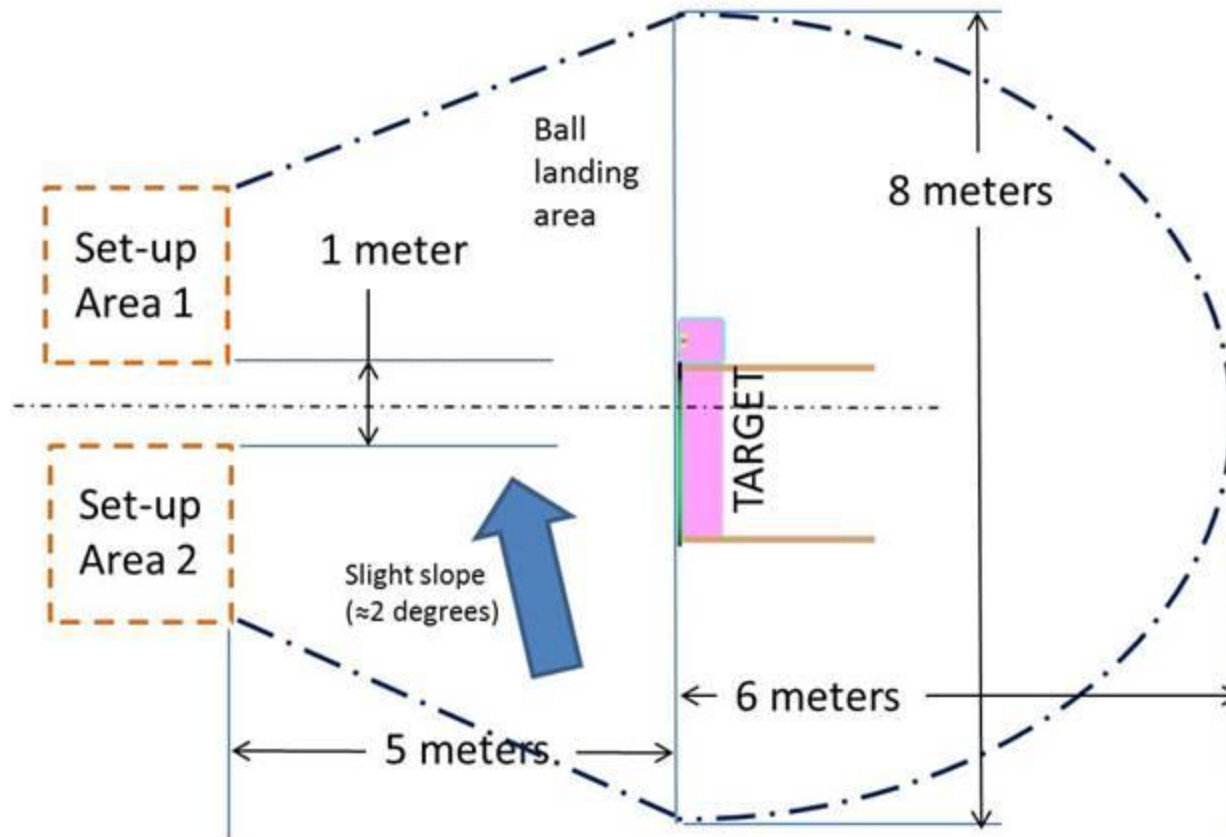
Objective Overview

- Launch three 17.8 cm playground balls at three targets
- Target is 5m away from firing area.
- 60 seconds to hit all three targets
- Ball must land in specific zone behind target

Target



Field



Scoring system

- a. 10 Points are awarded for having a playground ball pass through the lower circle target.
- b. 20 points are awarded for having a ball pass through the upper circle target.
- c. 30 points are awarded for having a ball directly hit the flame.
- d. 10 bonus points are added each time the ball hits the ground prior to accomplishing any target.
- e. Remember that 15 points will be deducted for each attempt in which the ball hits the ground for the first time outside of the ball landing area.
- f. All other rules must be in compliance for the official score to be counted.

Other things

- Each ball may be launched once
- A team may receive points only once from each target
- Maximum number of points is 90
- No chemical explosives or rocket motors
☹
- Device may not extend beyond set up zone prior to, during and after each firing attempt.

Concerns

- Unlevel ground
- Wind