

Puzzle 3 - Knock box

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Puzzle Idea

- Players are solving a riddle to find out a specific pattern (e.g. derive pattern from a bouncing ball in a picture)
- Box opens on this specific prerecorded pattern of knocking
- Inside Box is clue to the next station
- Optionally in the box, there is a puzzle to figure out the QR code (number sequence), for example two SQL query outputs with numbers in rows/columns. These number indicate the squares in the app which are tapped/colored on tap, and result in a QR code.

Technologies

- Arduino
- QR code
- GPS (leading to the next puzzle or our puzzle, can be first aswell)
- interface to the operator room (javascript or something else)

Hardware

-Arduino

-Box

-Pressure-sensor

-Servo-motor

-Maybe LED

Implementation details

- Javascript
- React Native