

# Hand-eye coordination

Hand-eye coordination is a complex cognitive ability that unites our visual and motor skills, allowing for the hand to be guided by the visual stimulation our eyes receive. In a classroom setting hand-eye coordination is required for effective reading, handwriting, playing sports, etc.

## Material required

- Hands-on puzzles, jigsaw puzzles, blocks, a Rubik's cube
- Toys and fishing pole, water gun, darts

## Possible uses

- A group could have to use a fishing pole with a hook or magnet to “fish” for a clue outside a window
- You could use a Nerf gun to shoot a cardboard target down from a high place so a clue can be read
- Require players to hit the bullseye on an electronic dart board from a distance.
- Give players a water gun and reveal a message or clue if they can hit a target with a steady stream of water
- Students can use blocks with letters written on them in order to form the word which would give them the clue. In this way students can learn new words

## Possible restrictions

The player's level of English is important as the assistant might not understand incorrect questions, and this might cause frustration.

## Is it inclusive for SLD?

An ER tool that requires hand-eye coordination is challenging for students with dyspraxia, as they experience difficulties with activities that require movement and coordination (such as, holding a pencil, handling pieces of a puzzle, throwing a ball, etc).

## Reference

Hand-Eye Coordination, A fundamental cognitive skill for daily life. [Online].

Available at: <https://www.cognifit.com/science/cognitive-skills/eye-hand-coordination#:~:text=Hand%20eye%20coordination%2C%20or%20eye,to%20carry%20out%20a%20movement> (Last accessed: 25 February 2021)

