

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

- Finding balance between hands-on activities and language practice

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).



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Resources:

- 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)

