

Drone@Home Skill Drills

Always begin by [ensuring your location is a safe place to fly](#) and conduct any necessary flight planning activities. All Unmanned Aerial System (UAS) operations suggested here **must** be done in compliance with current law and regulation. Visit FAA.gov to find more information about [drone laws and regulations](#).

Flying skills improve with practice! So test your skills with these drills.

- **Fly the Pattern:** Establish a square and fly the pattern, with the camera pointed away from you, three times. Then fly the same pattern in the opposite direction. Too easy? Turn the camera so it's facing you and fly in reverse orientation. Still too easy? Change the pattern to a circle or a figure eight.
- **Drone Pong:** Rig up your drone to drop ping pong balls into cups, boxes, or buckets.
- **I Am Bat Drone:** Install small LED lights on your drone – preferably, a very small model – and turn the lights off in your home. Set up course throughout your home and test your skills in the dark.