

Drone Soccer for Schools

Caged drones, a netted arena, a league format and the training to run it — everything a school needs to turn flying into a team sport learners can play, referee and score.



Not a drone carrying a ball

In drone soccer the drone is the ball. Each one flies inside its own round cage, and pilots steer it through hoops, around a timed course and into the other team's goal. It turns flying into a sport you can watch, referee and score — and because the propellers are enclosed and the pitch is netted, collisions are part of the game rather than the end of it.

A cage that is the ball

A 20 cm ball cage encloses the propellers, so drones can bump, block and bounce off the net.

Goals you fly through

A goal is a hoop at each end of the pitch. Score by flying your drone cleanly through it.

A team sport

Three pilots a side, each with a role: attack, block and cover.

A tech sport

Flight control, spatial judgement and tactics, practised against a clock and a scoreboard.

One offer, four parts

Products

Caged soccer drones

Competition field

A netted arena that fits your hall

Competition consulting

A league format, designed with you

Training

Pilots, coaches and teachers



Request a proposal for your school

Scan, or visit sheen.bot/go/drone-soccer-flyer

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One field, **four formats**

The same arena runs four kinds of play, so a school can start with first-time flyers and grow into fixtures between teams.



01 · Entry

Hoop challenge

Judge the distance, height and direction to a hoop, then fly steadily through it. It looks simple, and it is where every pilot builds the basics.

Practises: Spatial judgement · hand-eye coordination · smooth control



02 · Challenge

Speed course

Gates and hoops are set out as a course and flown in order against the clock. Speed alone does not win: fewer collisions, a better line and steady flight do.

Practises: Route planning · precision under time · composure

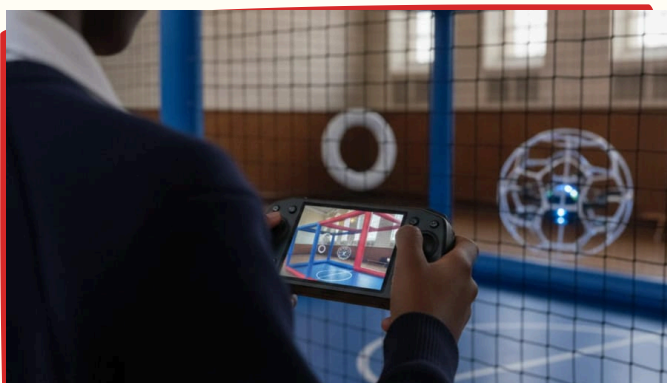


03 · Team

3v3 drone soccer

Two teams of 3 pilots attack, block and cover in short timed halves. Every pilot flies their own drone while watching team-mates and opponents, so the game is as much about roles and timing as about flying.

Practises: Teamwork · tactics · reading the game



04 · Immersion

Screen-view flying

The controller has a 4.5-inch screen showing the drone's live camera. Pilots fly a course from the drone's point of view, judging direction, distance and the goal from the cockpit instead of from the side.

Practises: Perspective-taking · quick decisions · focus

01

Hoop challenge
Entry



02

Speed course
Challenge



03

3v3 drone soccer
Team



04

Screen-view flying
Immersion

Mix the formats into a taster session, a weekly club or a competition day. The hoop challenge is the usual first lesson; 3v3 is where teams are made.

What we provide

Four parts, taken together or one at a time. A school can buy the kit and run it, or have us design and run the whole programme with its teachers.

01 · Products



Caged soccer drones

A 20 cm quadcopter inside a polypropylene ball cage, built to be collided with. A squad of 6 drones fields both teams of a 3v3 match.

- ✓ Controller with a built-in 4.5-inch screen — no phones, no school Wi-Fi
- ✓ 7.5 V 1200 mAh hot-swap battery, about 12 minutes a flight
- ✓ Optical-flow hover holds the drone steady indoors, no GPS needed
- ✓ 8 LED colours to tell the teams apart; spares and batteries stocked

02 · Competition field



A netted arena that fits your hall

An inflatable 6 x 4 x 3 m arena with safety netting on every side and across the roof. It goes up and comes down in about 10 minutes with the electric blower supplied.

- ✓ A goal hoop at each end and a central door for pilots and quick retrievals
- ✓ Free-standing hoops and gates for the hoop and speed formats
- ✓ Printed with your school's or district's own artwork
- ✓ Packs into carry bags, so one arena can move between schools

03 · Competition consulting

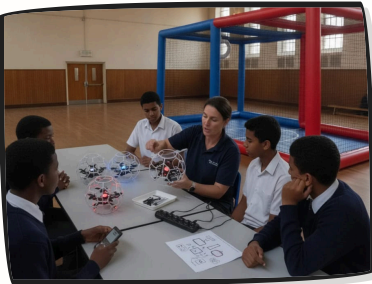


A league format, designed with you

We help you decide what to run and how to score it — from an inter-house afternoon to a fixture list across a cluster of schools.

- ✓ Formats, rules and scoring sheets sized to your learners
- ✓ Referee, timekeeper and safety-marshal training
- ✓ Fixtures, brackets and a season calendar
- ✓ Event-day set-up, running order and a safety plan

04 · Training



Pilots, coaches and teachers

Training that takes a learner from first hover to match play, and a teacher from unboxing to running the club without us.

- ✓ Pilot sessions: take-off, hover, turns, hoops, courses, then positions and team play
- ✓ Session plans for a weekly club, written with your teachers
- ✓ Teacher and coach training: set-up, batteries, maintenance and running a session
- ✓ At your school, or at our campus in Century City

At a glance

ARENA
6 x 4 x 3 m, netted

SET-UP
About 10 minutes, electric blower

DRONE
20 cm, in a ball cage

FLIGHT
About 12 min a battery

CHARGE
1–2 hours, hot-swap pack

CONTROLLER
4.5-inch built-in screen

SQUAD
6 drones for 3v3

AGES
9–18, adult supervised

How it runs

01

A scoping call

Your space, the grades you have in mind, and whether you want kit, a programme or a league.

02

A demo for your staff

We bring a drone and a hoop to a staff meeting, so the people deciding can fly it first.

03

Set-up and teacher training

The arena goes up in your hall, and your teachers learn to run it: set-up, batteries, safety.

04

Pilot training

Learners move from the hoop challenge to the speed course to their first 3v3 matches.

05

Competition day

An inter-house or inter-school event, run to a format and a safety plan agreed in advance.

From one school to a league

The arena is the only large item, and it packs into a bakkie. One arena can serve a cluster of schools on rotation, with school rounds feeding a cluster or district final — and indoor play means no fixture is lost to the weather.

Safe by design, not by luck

✓ Propellers enclosed

The ball cage surrounds the rotors, so a drone can be caught by hand or hit the wall.

✓ Everyone outside the net

Pilots and spectators stand outside the netting; the drones stay inside it.

✓ Emergency stop and turtle mode

One button cuts the motors; another rights a drone that has landed upside down.

✓ Vetted, insured coaches

Our educators are police-cleared, and we carry public liability insurance.



We fly at our own campus first

Our race gates stand in the AI Lab at sheen academy in Century City, and drones are part of what our learners do: the Sky Ops drone camp ran in July 2026 and ended in a tournament. Come and see the kit before you decide.

And plainly:

- Every school starts in a different place, so we quote in writing after a scoping call, with VAT shown, for exactly the parts you want: drones, the arena, consulting, training, or all four.
- No. Drone soccer has international federations with their own rules, drones and much larger arenas. Ours is a school-sized 3v3 format built on the same idea, and we are not affiliated with any federation.



Bring drone soccer to your school

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