THE CARTOON BOOK OF

DRONE SOCCER



DRONE SOCCER

MACHINE

SPORT ON EARTH

Sport on Earth Books · The Motorsport Family

Original illustrations · No characters were copied in the making of this book

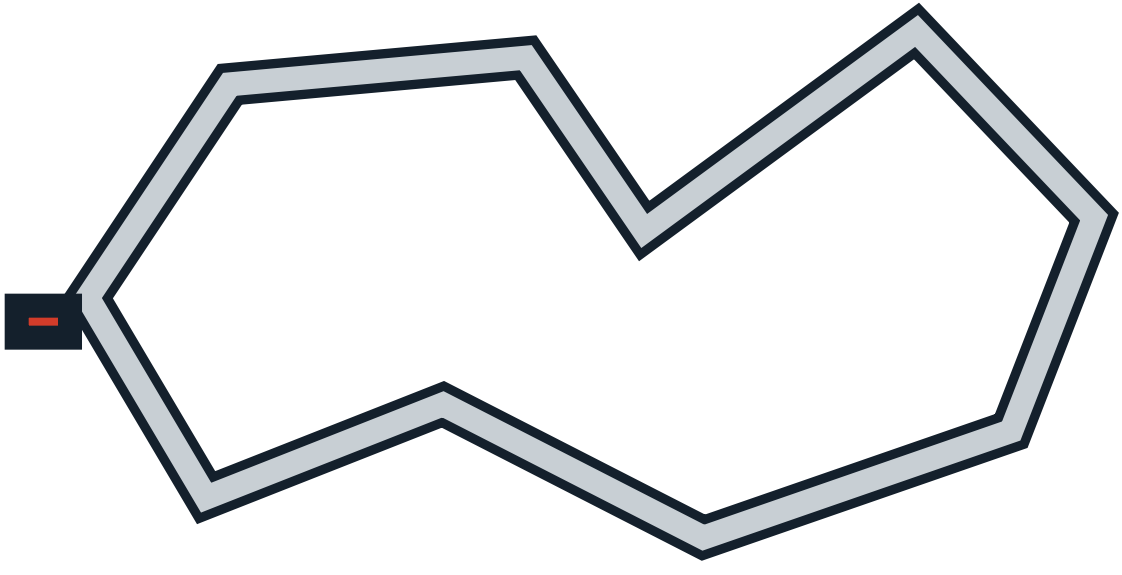
Meet Drone Soccer!

Teams fly caged drones through ring goals.



Where It Is Played

A caged flying zone, recommended 14 m by 7 m with a 5 m-high cage for F9A-A (6 m by 3 m, 3 m high for F9A-B), with circular goal rings of 60 cm internal diameter (F9A-A) or 40 cm (F9A-B).



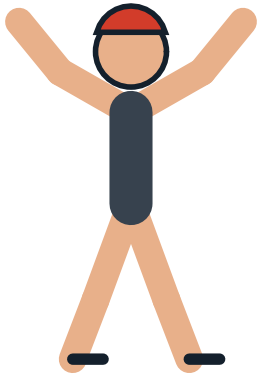
The Gear

A class F9A drone ball: a quadcopter inside a spherical protective frame (40 cm / up to 1.2 kg in F9A-A, 20 cm / up to 300 g in F9A-B) with team-colour LEDs.



How It Starts

Start with a Class 20 (F9A-B) drone ball through a school, club or national dronesoccer association programme, learning to fly the ball before joining a 3-to-5-player team.



How to Play

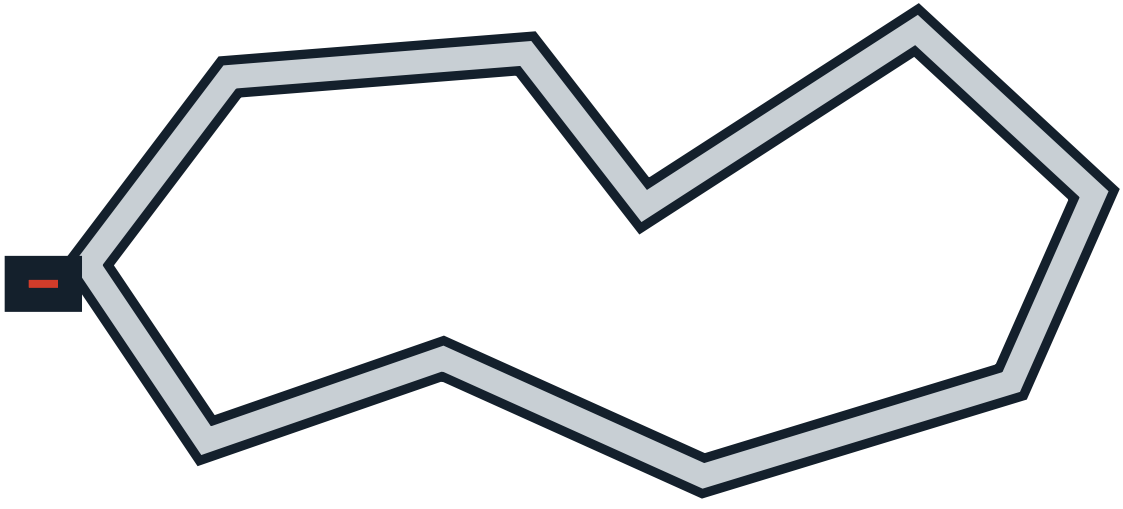
- Format: drone soccer is a team sport combining radio-controlled flying with soccer; a match is subdivided into three periods, each considered a set.
- Teams: a match is played with 3 to 5 active players per team (the number is fixed by the organiser), each flying one drone ball; substitutes may only enter between sets.
- Scoring: only the designated Striker may score, by flying their drone ball through the opponents' goal ring; other players guide the Striker or defend their own goal.
- Winner: the team scoring the most goals across the sets wins the match, with set and match results recorded under section B.8.6.

More of the Game

- Drone ball (F9A-A): a spherical non-metal protective frame, total weight not over 1.2 kg and frame diameter 40 cm (+2 cm); (F9A-B): not over 300 g and 20 cm (+2 cm).
- Drone ball power: only electric motors, a maximum of four; battery packs up to 6S for F9A-A and 4S for F9A-B; metal propellers are forbidden and maximum propeller diameter is 6 inches (F9A-A) or 3 inches (F9A-B).
- Identification: each drone ball carries an LED strip — red for one team, blue for the other — with at least 40 LED elements (F9A-A) or 16 (F9A-B).
- Safety: every drone ball must have a fail-safe device that stops the motors on activation; pre-programmed manoeuvring and automatic positioning systems are strictly forbidden.

The Shape of a Match

Two teams fly caged drone balls in a netted arena over three sets, scoring by flying the Striker drone through the opposing goal ring.



More of the Motorsport Family

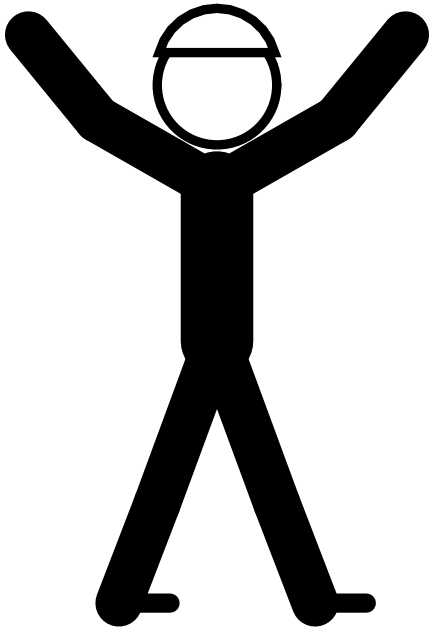
- Motorsport — Race cars or motorcycles for time or position across circuits, rallies, or ovals.
- NASCAR and IndyCar — North America's stock car and open-wheel series.
- MotoGP — Top class of grand prix motorcycle racing.
- World Rally Championship — Cars race against the clock on closed roads.
- Powerboat and Jet Ski Racing — Water racing including F1H2O and electric E1.
- Monster Truck Racing — Stadium shows with oversized trucks, led by Monster Jam.

A Note on the Rules

Drone soccer is a young FAI-recognised format (born in South Korea): drone balls in protective frames score through a hanging ring, five-a-side indoors, under FAI provisional class rules. It is an authored modern code still in its standardisation phase. No major documented rule change is carried for drone soccer.

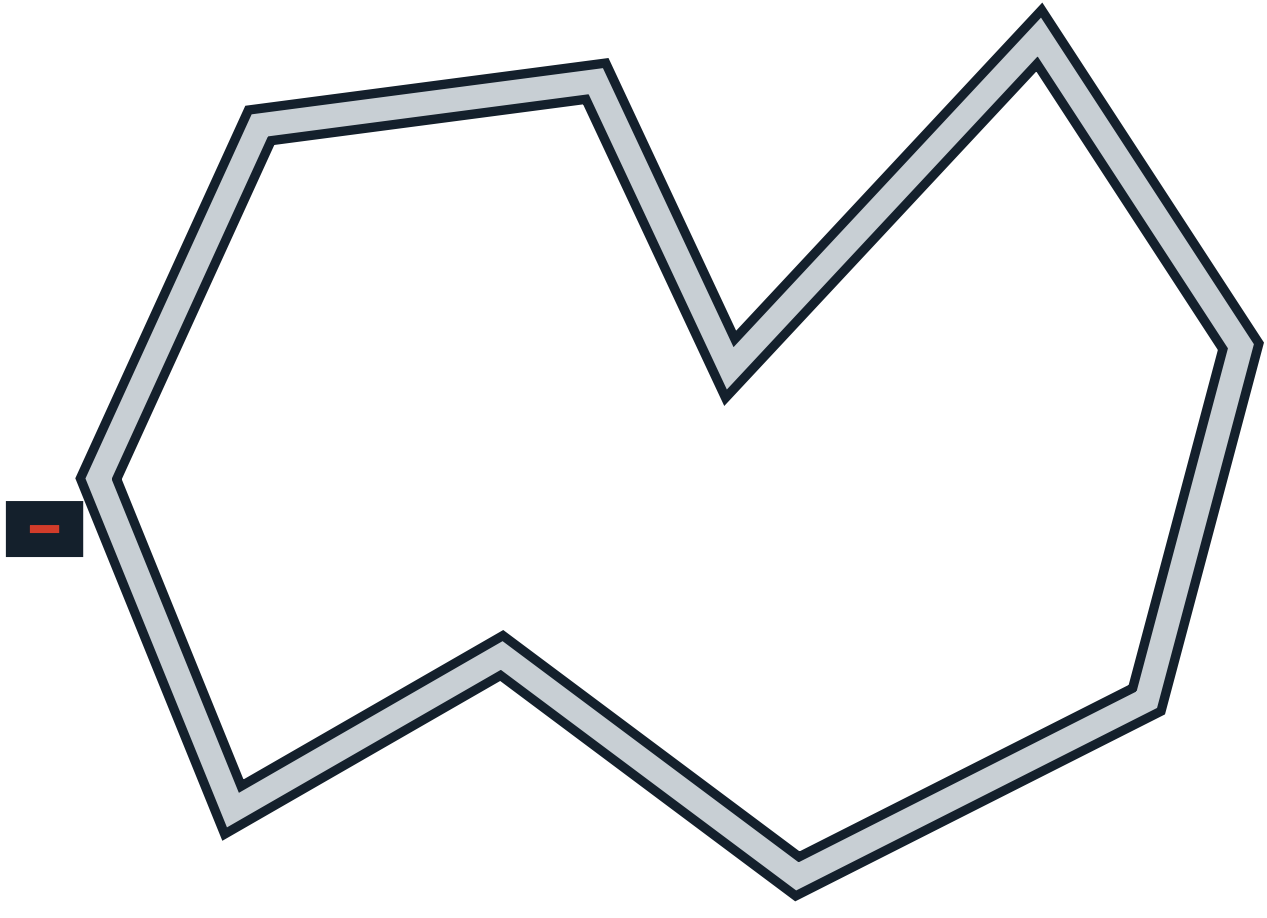


Colour the Action

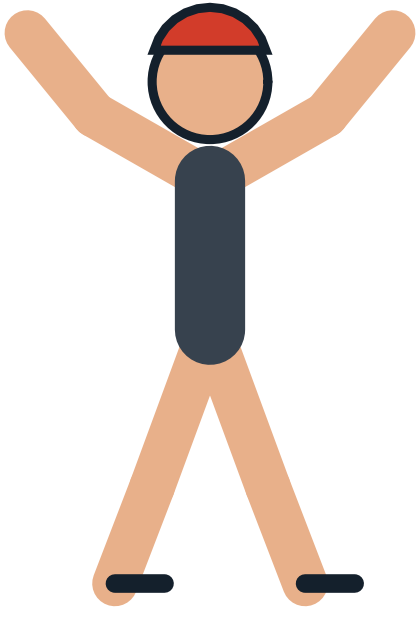


Psst — this page is a colouring page!

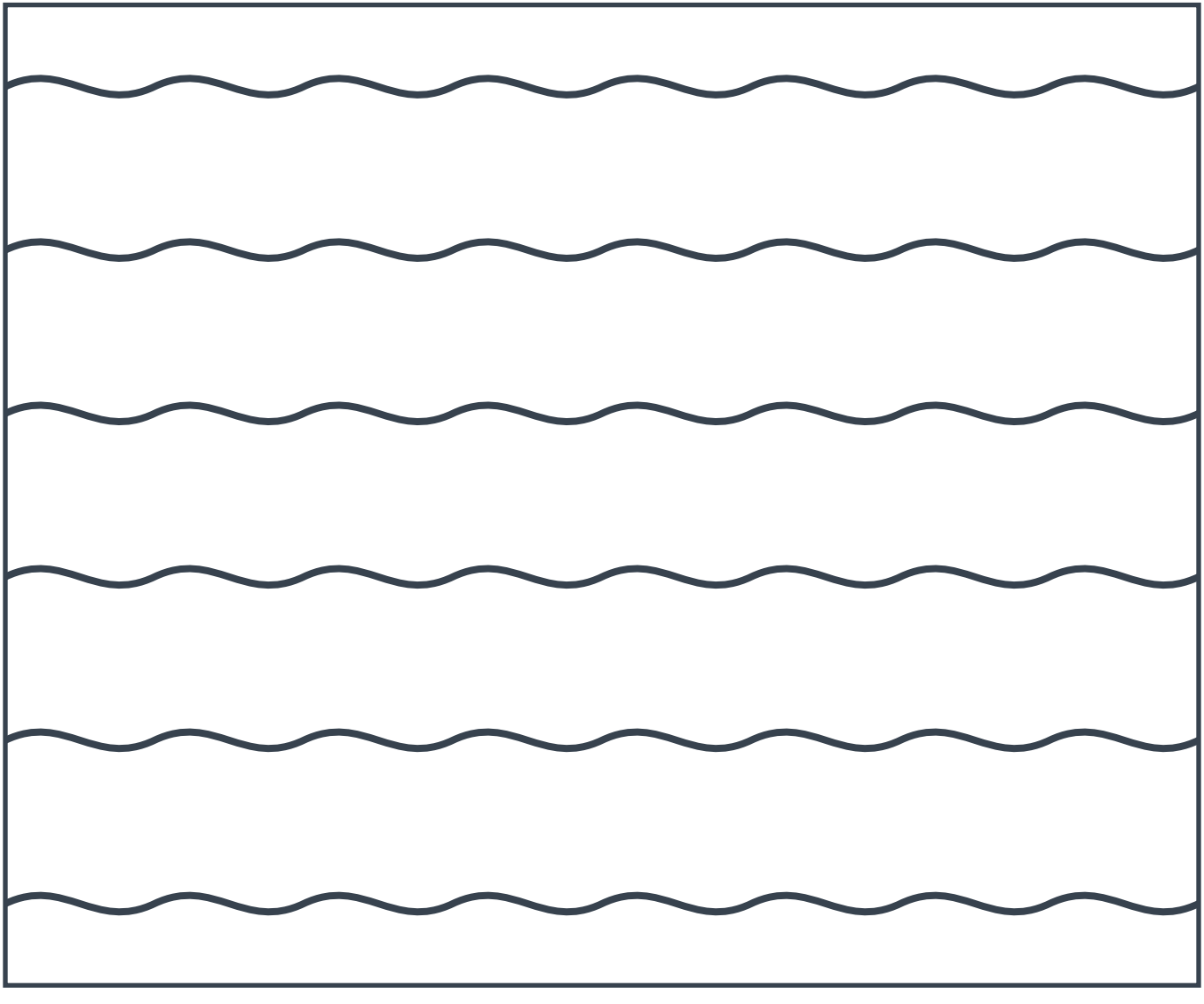
The Sport Today



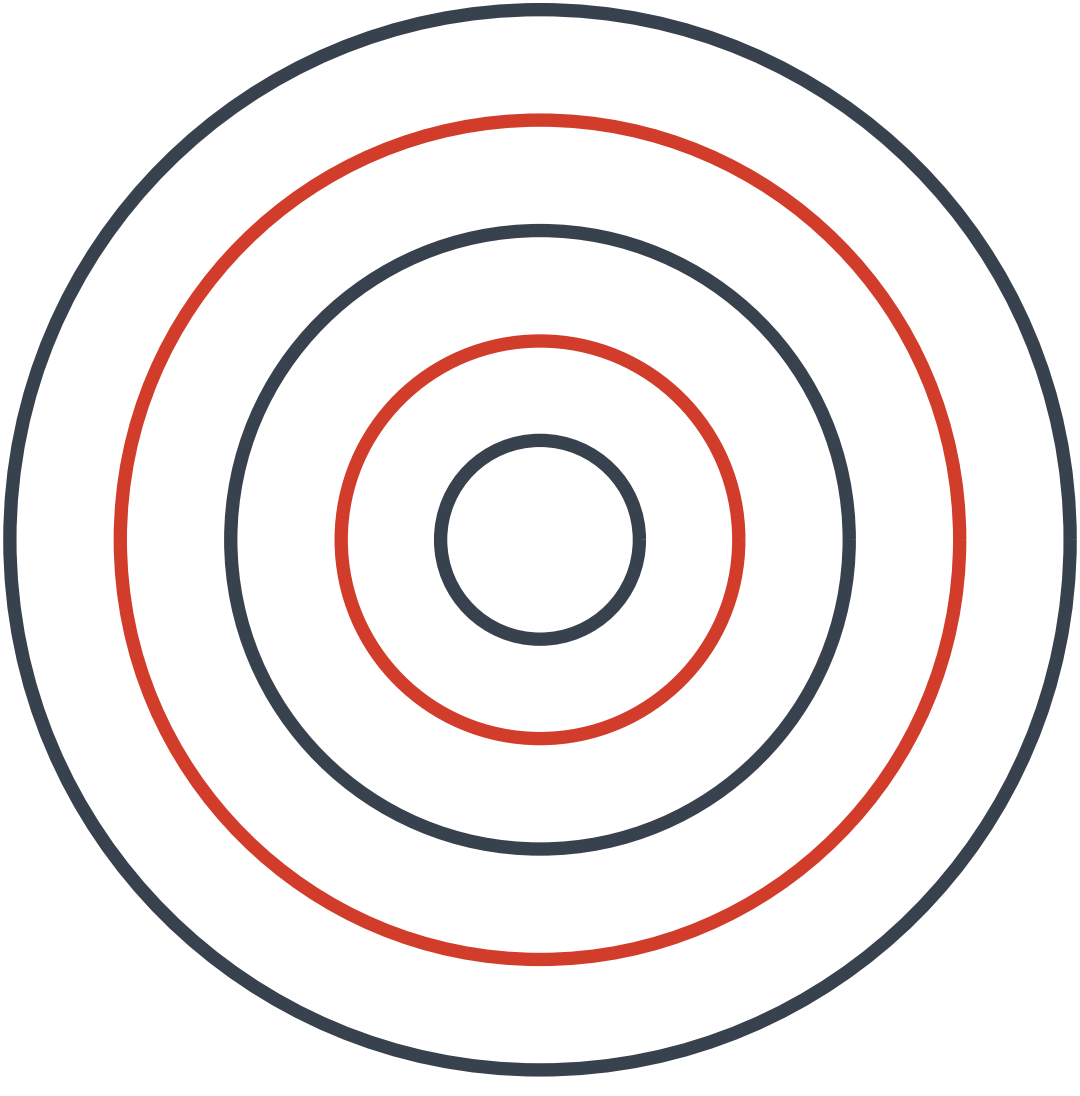
At School and College



Play It Near You



Through the Year



The Motorsport Family

Every sport belongs to a family of games that share its shapes and skills. Here are some of this book's closest relatives — each with a cartoon book and a colouring book of its own.

- Motorsport — Race cars or motorcycles for time or position across circuits, rallies, or ovals.
- NASCAR and IndyCar — North America's stock car and open-wheel series.
- MotoGP — Top class of grand prix motorcycle racing.
- World Rally Championship — Cars race against the clock on closed roads.
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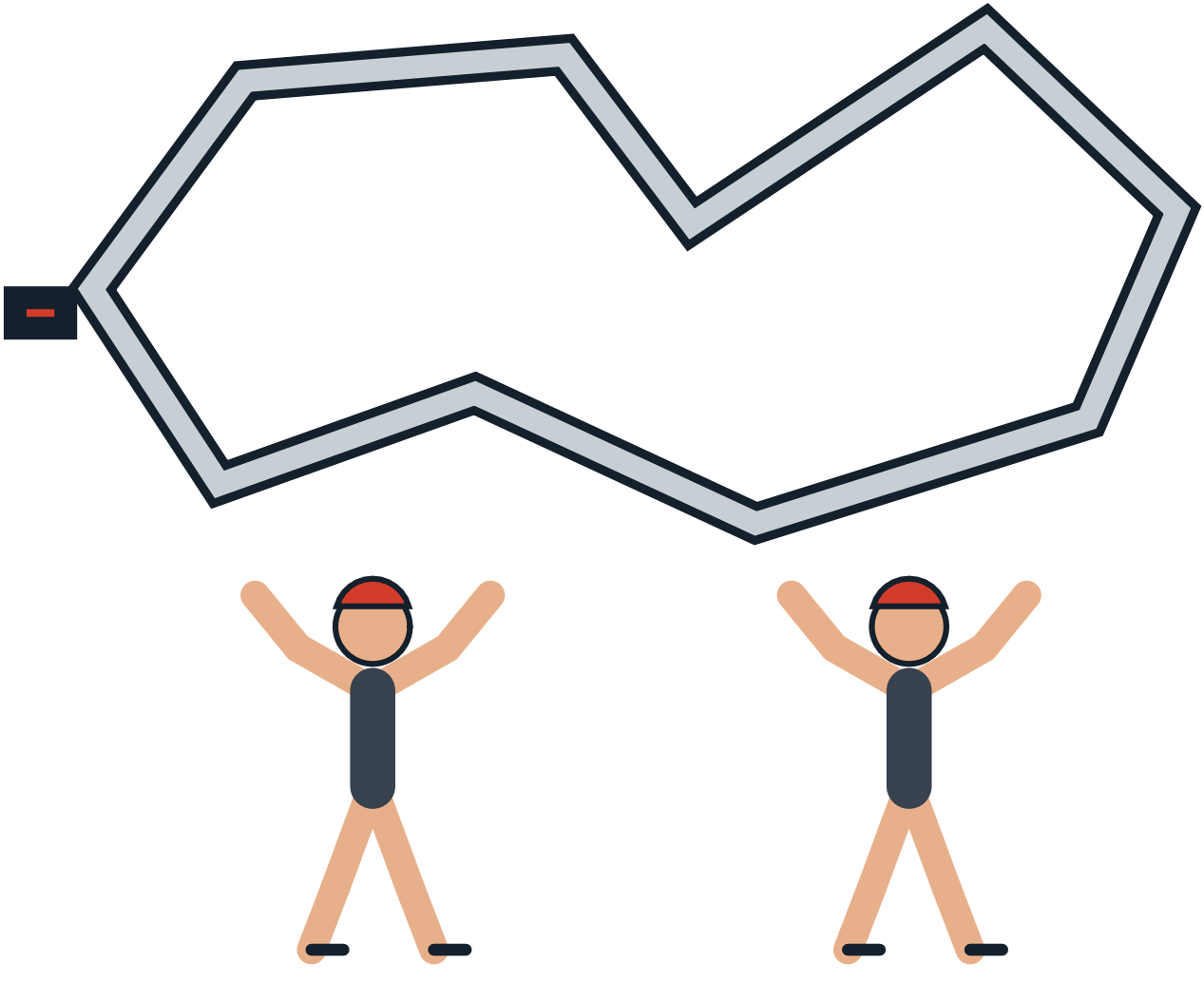
Game Day!

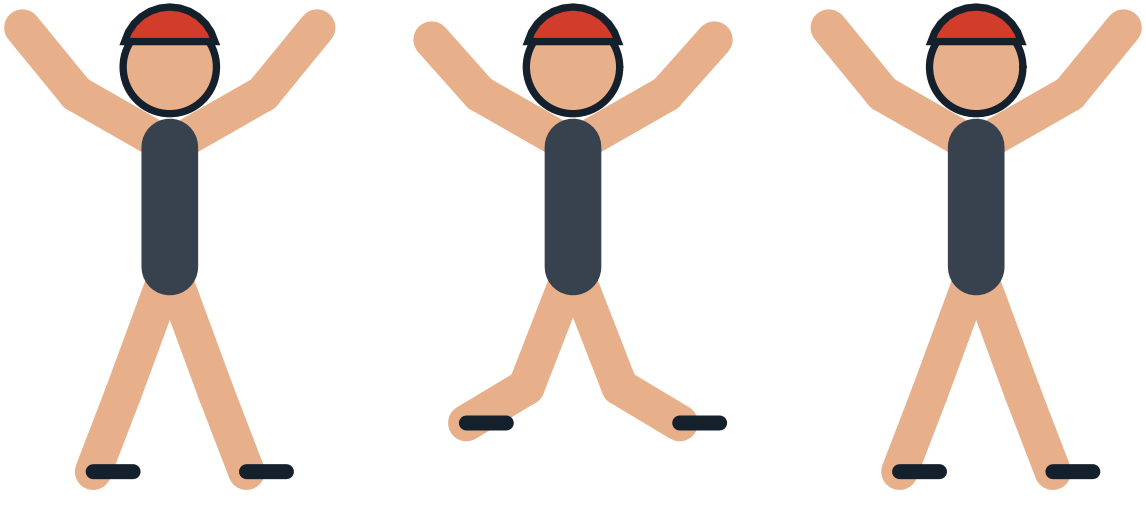


The Sport on Earth Mark

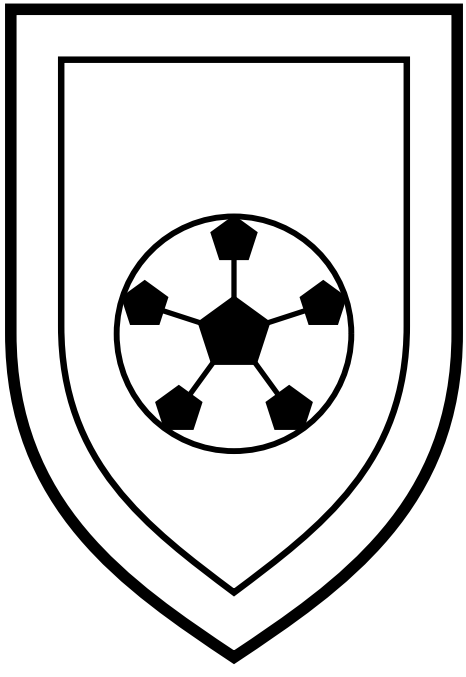
Every sport on Sport on Earth carries its own original mark, drawn for the site. Here is this sport's.



Moves of the Game



Design a Badge

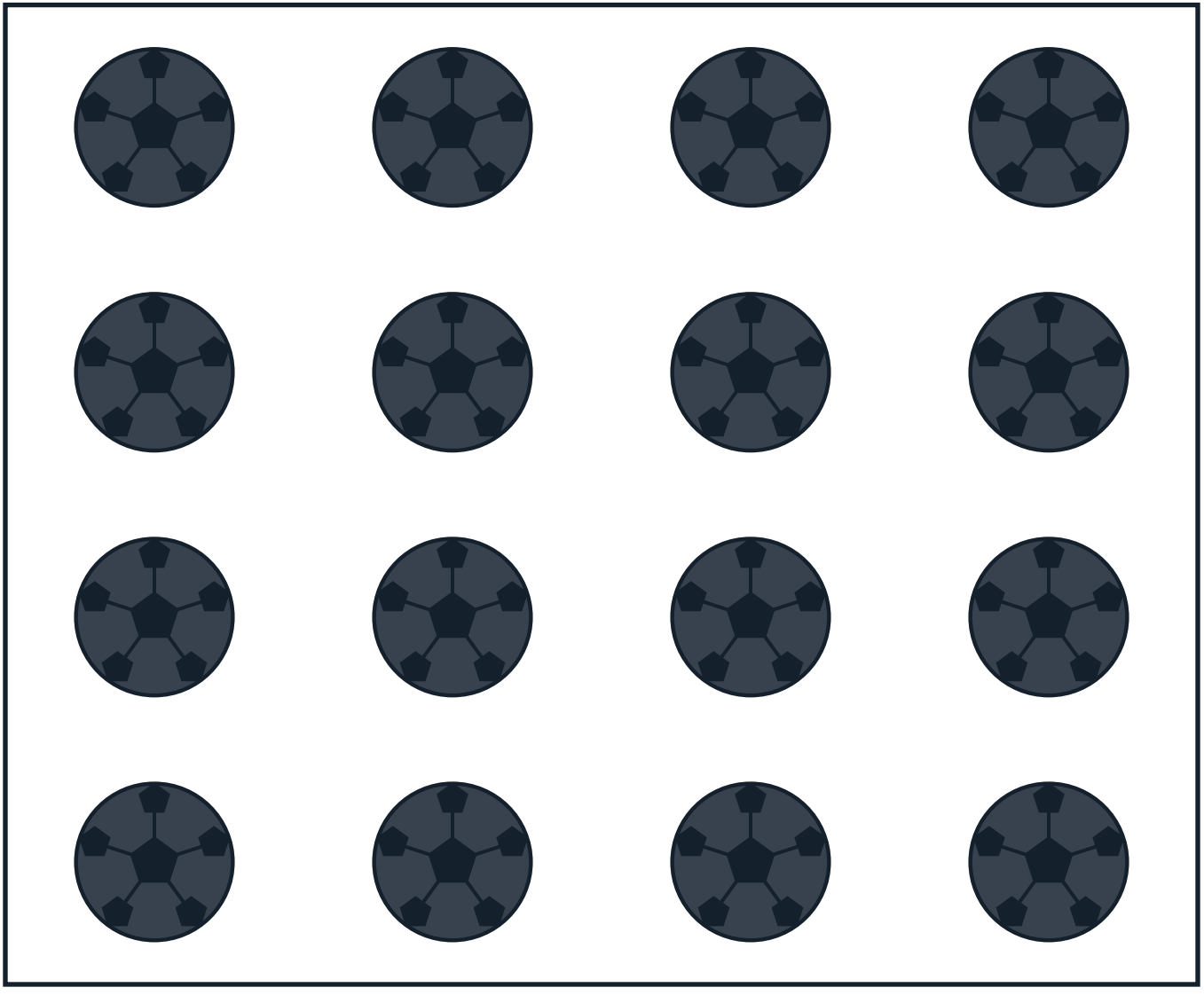


Draw and colour a badge for your own team.

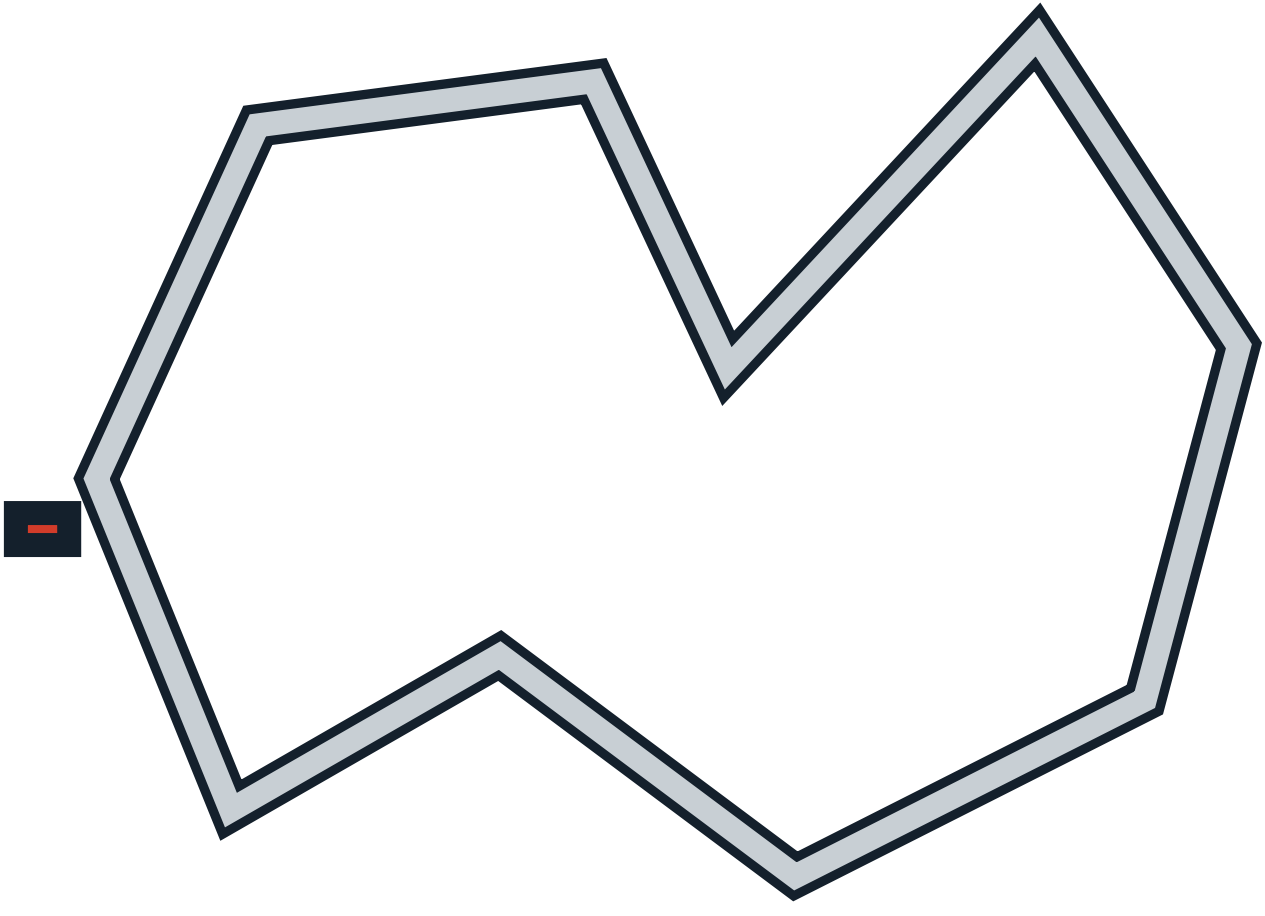
The Gear Parade



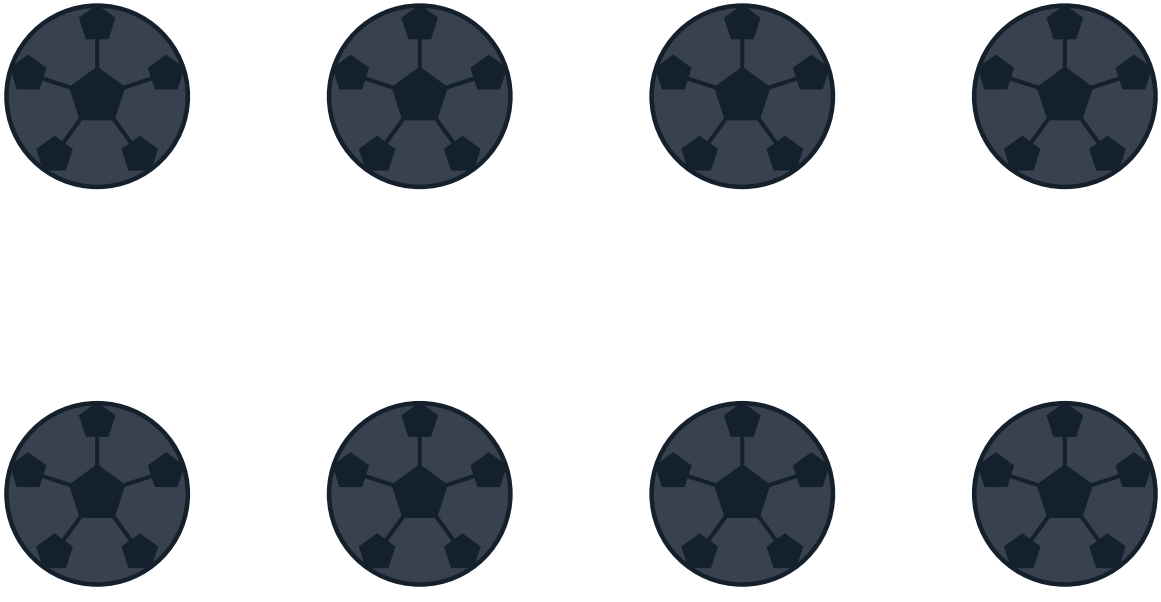
Pattern Play



The Arena From Above



Count the Balls!



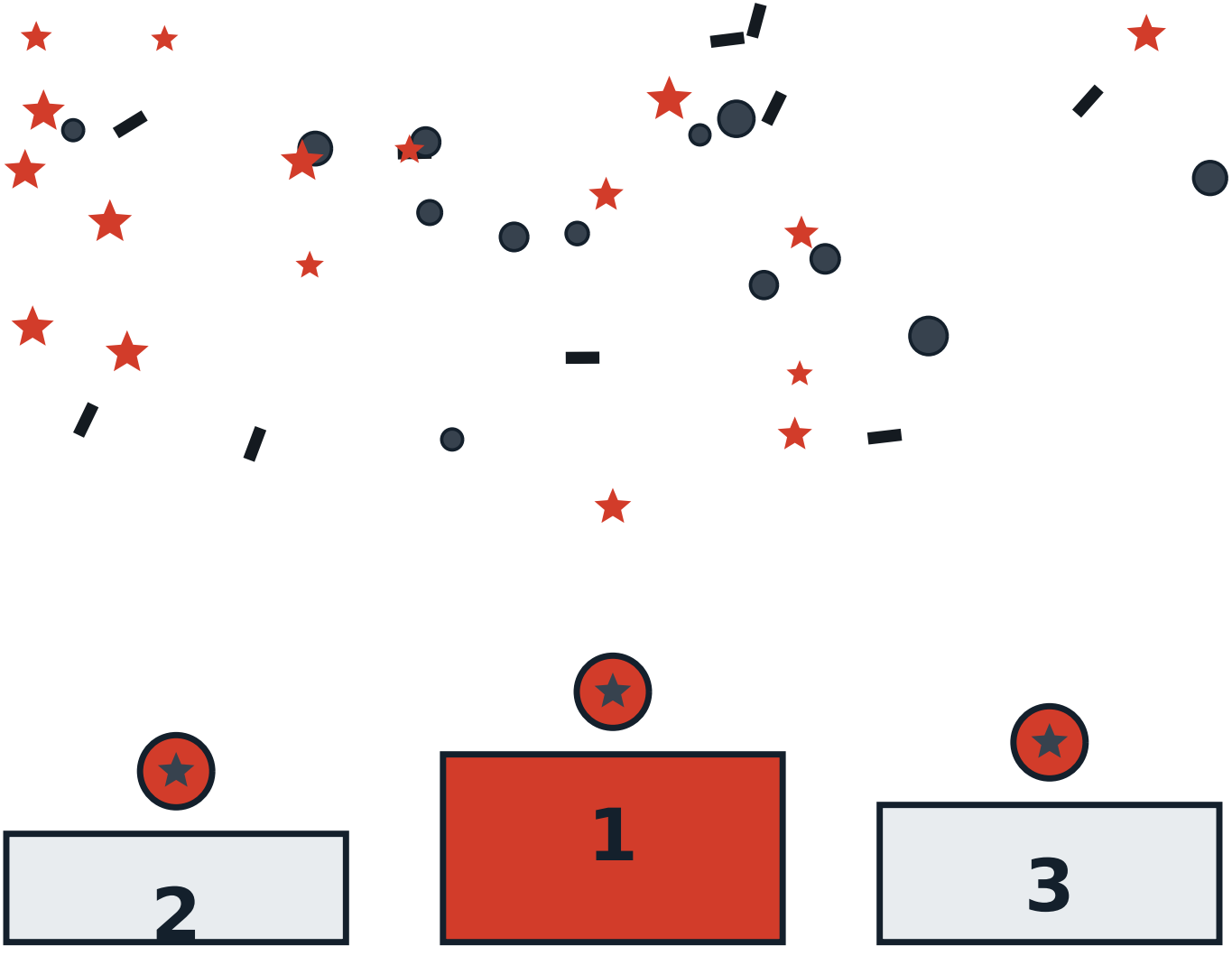
How many can you count? Write the number here: _____

My Favourite Part of Drone Soccer

Gear Close-Up



Champions!



The Mandala of the Game



About This Book

Governing body: Fédération Aéronautique Internationale (FAI), International Aeromodelling Commission (CIAM); originated commercially by the Federation of International Dronesoccer Association (FIDA). Laws edition the site's rules file follows: FAI Sporting Code, Section 4, Volume F9 Drone Sports, 2025 Edition (effective 1 May 2025) — class F9A. Everything in this book comes from Sport on Earth's own verified sport files — the same words you can read on the sport's page at Sport on Earth. The illustrations are original artwork drawn by computer for this book series. They are not pictures of real players, real teams or anybody else's characters.

More Books in the Family

- The Cartoon Book of Motorsport
- The Cartoon Book of NASCAR and IndyCar
- The Cartoon Book of MotoGP
- The Cartoon Book of World Rally Championship
- The Cartoon Book of Powerboat and Jet Ski Racing
- The Cartoon Book of Monster Truck Racing
- The Motorsport Colouring Book
- The NASCAR and IndyCar Colouring Book

My Notes

Drone Soccer

The Cartoon Book of Drone Soccer — a Sport on Earth Book.

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