THE CARTOON BOOK OF

DRONE RACING



DRONE RACING

MACHINE

SPORT ON EARTH

Sport on Earth Books · The Motorsport Family

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

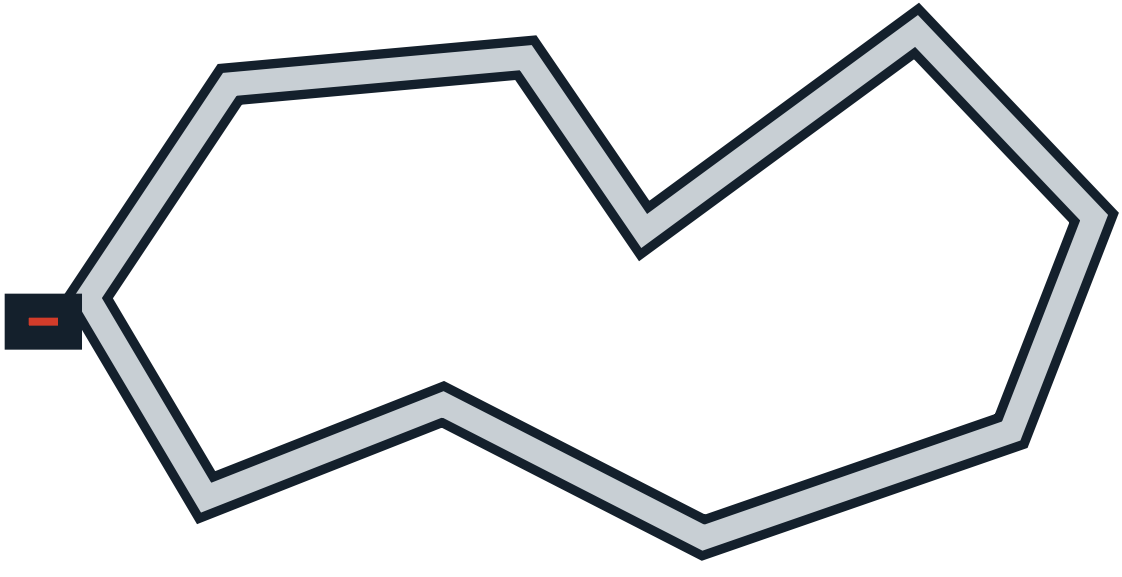
Meet Drone Racing!

Pilots fly first-person-view quadcopters through gates.



Where It Is Played

A closed racing circuit of gates, pylons and flags inside a safety line that the model must not cross.



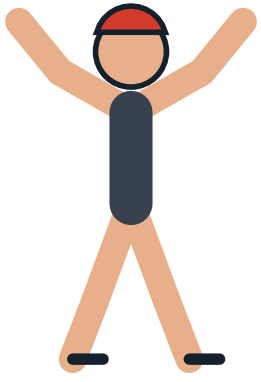
The Gear

An F9U-legal multirotor racing drone with FPV video system within the authorised transmitter power, flown with goggles and a radio transmitter; no model may be shared between competitors.



How It Starts

Join a national aeromodelling association and a local FPV racing club, obtain an FAI sporting licence through your national body, and enter Challenger-level World Cup or national F9U events.



How to Play

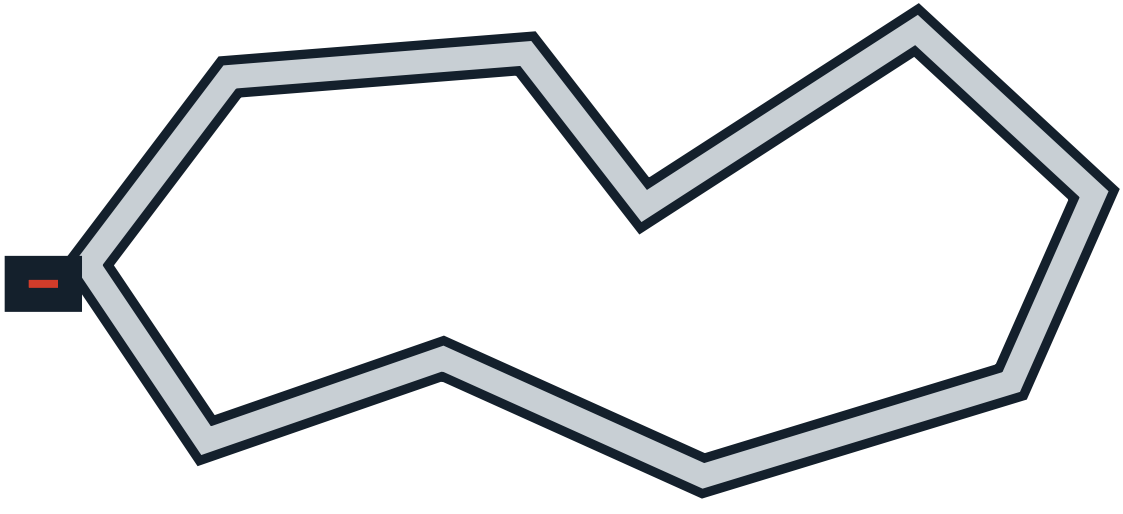
- Format: competition runs a qualification stage followed by an elimination sequence; in the World Games application of F9U, 32 athletes qualify into a double-elimination sequence.
- Winner: after qualification, the first pilot to complete the required laps (3 laps in the World Games F9U application) is first placed in that race; two losses eliminate a competitor from the elimination sequence.
- Progression: the two best-placed pilots in each elimination race advance directly to the next round; pilots placed third and fourth record a loss.
- Timing: an electronic timing system determines lap times and rankings, and a pilot judge verifies that each pilot flies through or over every obstacle on the circuit.

More of the Game

- Lap validity: a lap in which a pilot misses an obstacle, pylon or flag or takes a shortcut is not validated unless the pilot immediately and safely manoeuvres to correct the mistake.
- Disqualification from a race: starting before the start signal, colliding with another model while correcting a mistake, crossing the safety line (circuit exit), or flying after the race ends.
- Disqualification from the event: using non-authorised or non-conforming equipment, exceeding the maximum authorised video transmitter power, or using the same model as another competitor.
- World Cup: the FAI Drone Racing World Cup is run as Challenger and Masters event series under section A of Volume F9, with points allocation and classification set there.

The Shape of a Match

First-person-view multirotor races through a gated obstacle circuit, run as timed qualification followed by head-to-head elimination races.

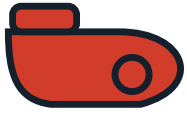


More of the Motorsport Family

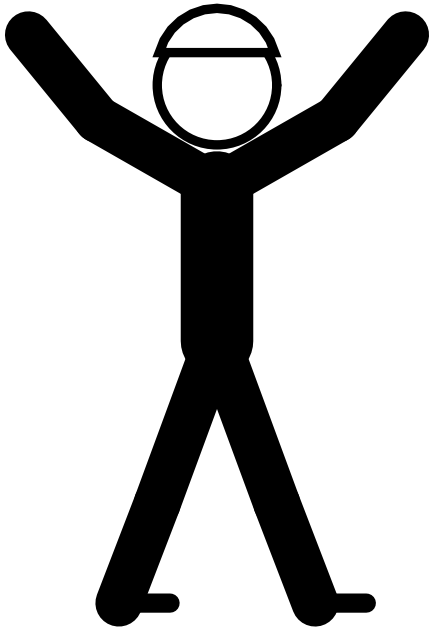
- Motorsport — Race cars or motorcycles for time or position across circuits, rallies, or ovals.
- NASCAR and IndyCar — North America's stock car and open-wheel series.
- MotoGP — Top class of grand prix motorcycle racing.
- World Rally Championship — Cars race against the clock on closed roads.
- Powerboat 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 racing is governed under FAI aeromodelling (class F9U) and league codes such as MultiGP's and the Drone Racing League's: gate courses, frequency and video-transmitter standards, and class limits revised frequently as the technology sprints. The rulebooks churn with hardware generations rather than accumulating landmark dated changes; no single major change is carried for drone racing.

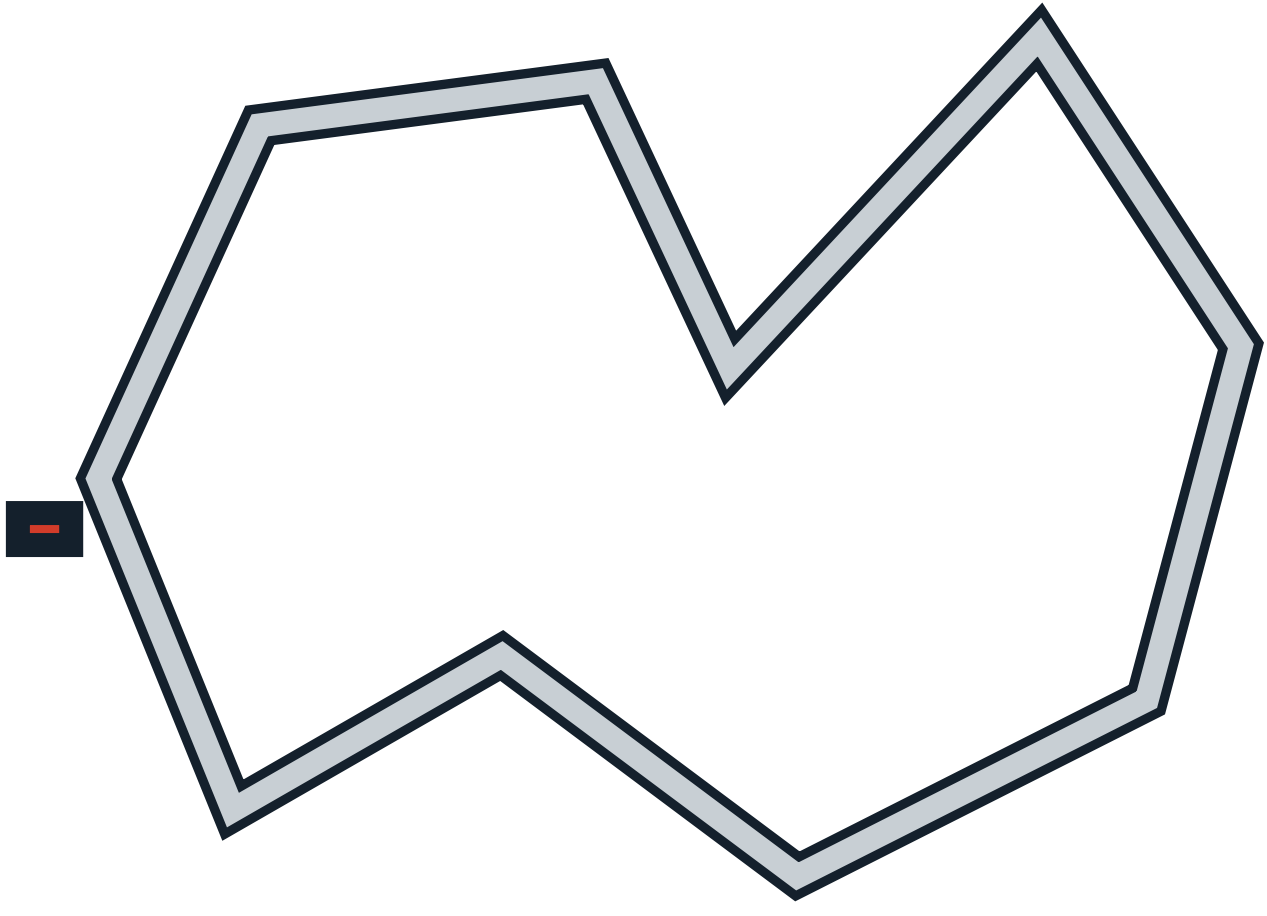


Colour the Action

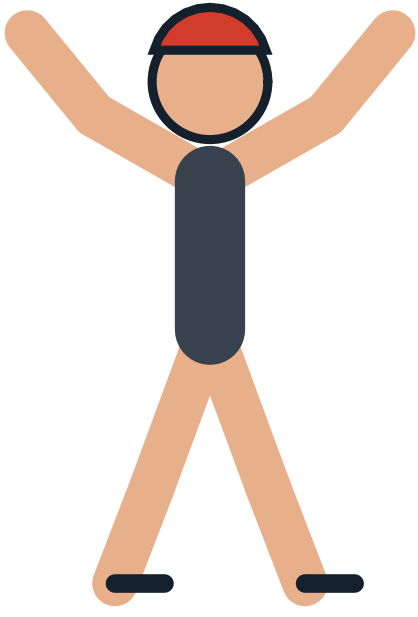


Psst — this page is a colouring page!

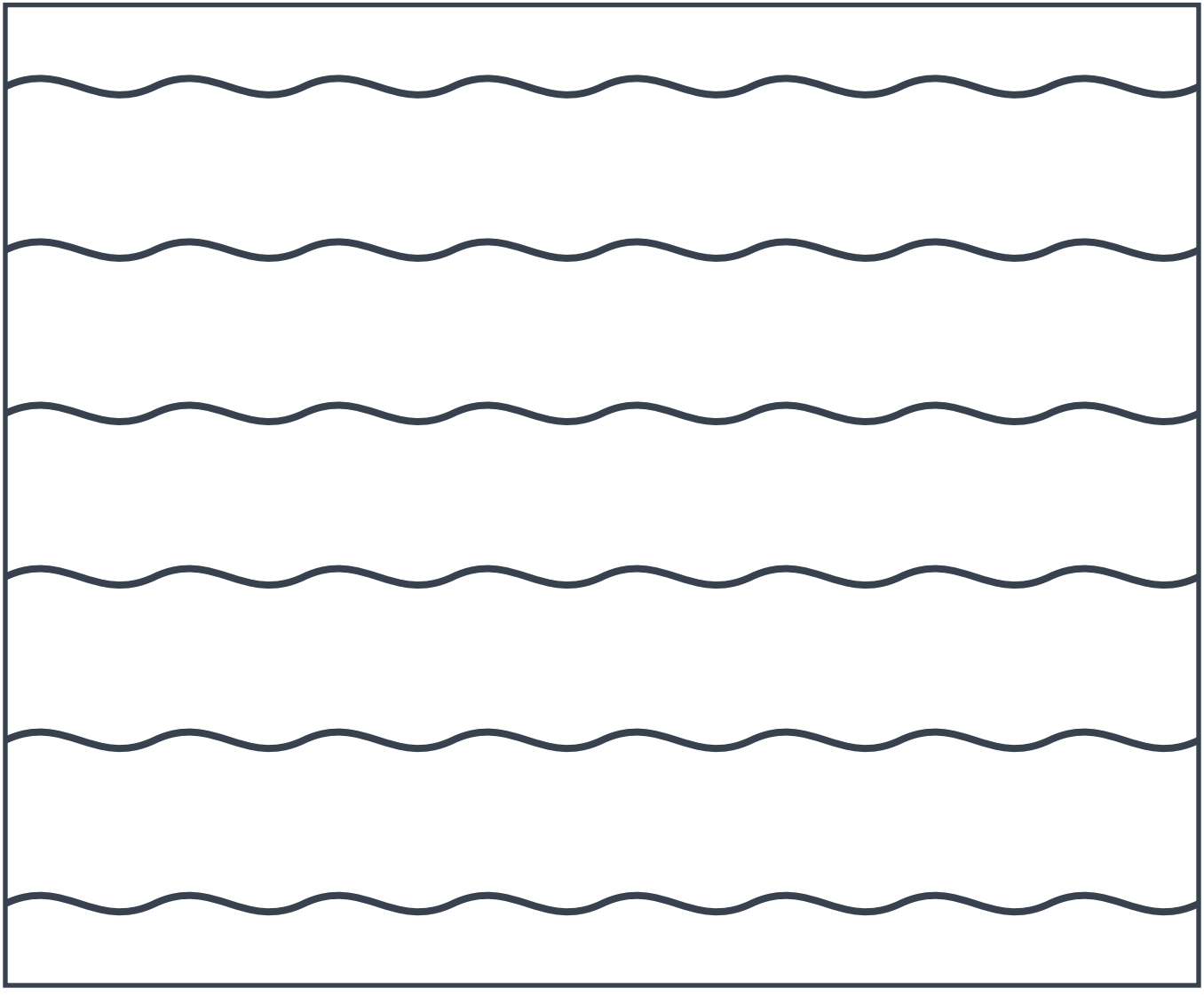
The Sport Today



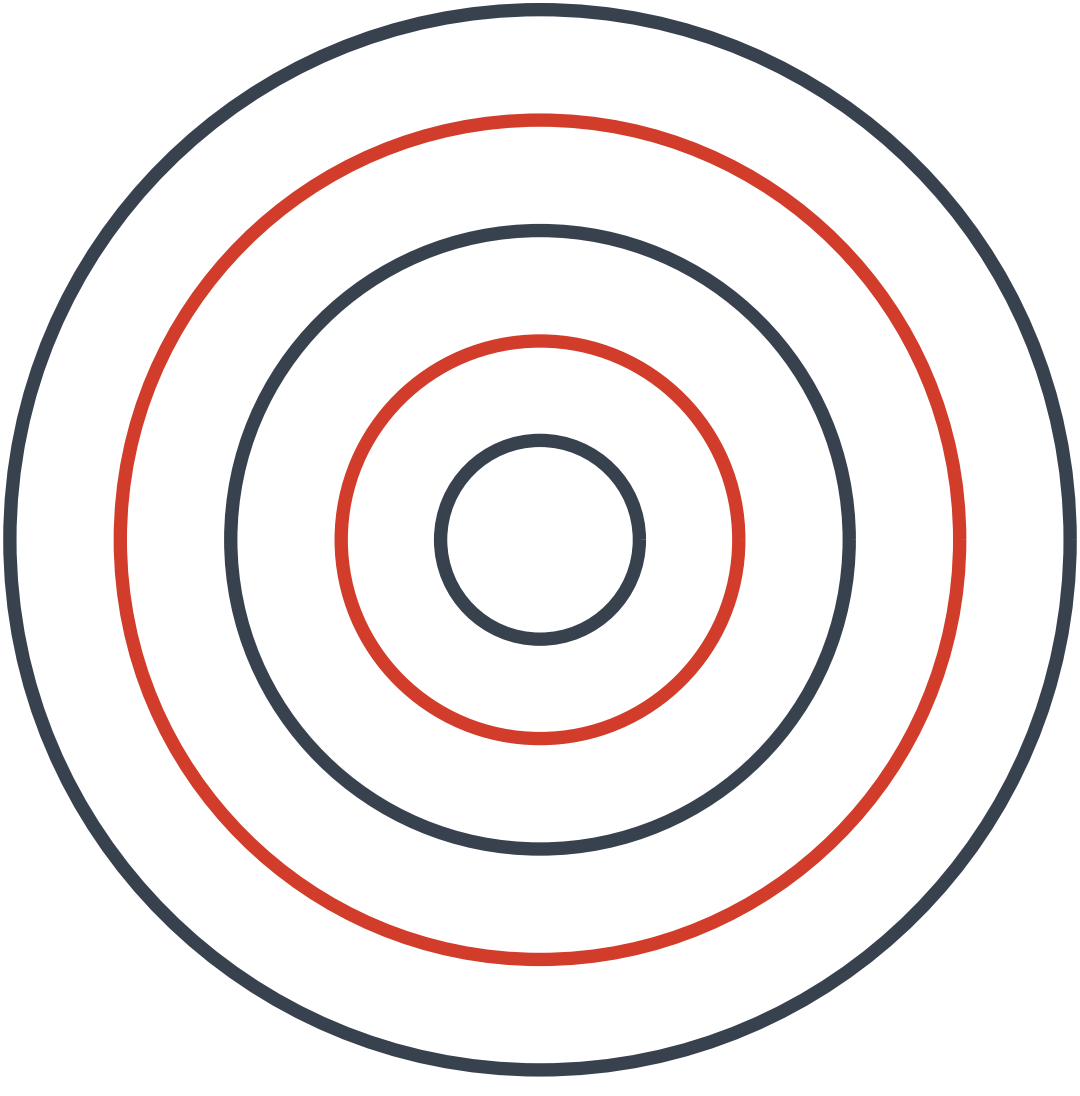
At School and College



Play It Near You



Through the Year

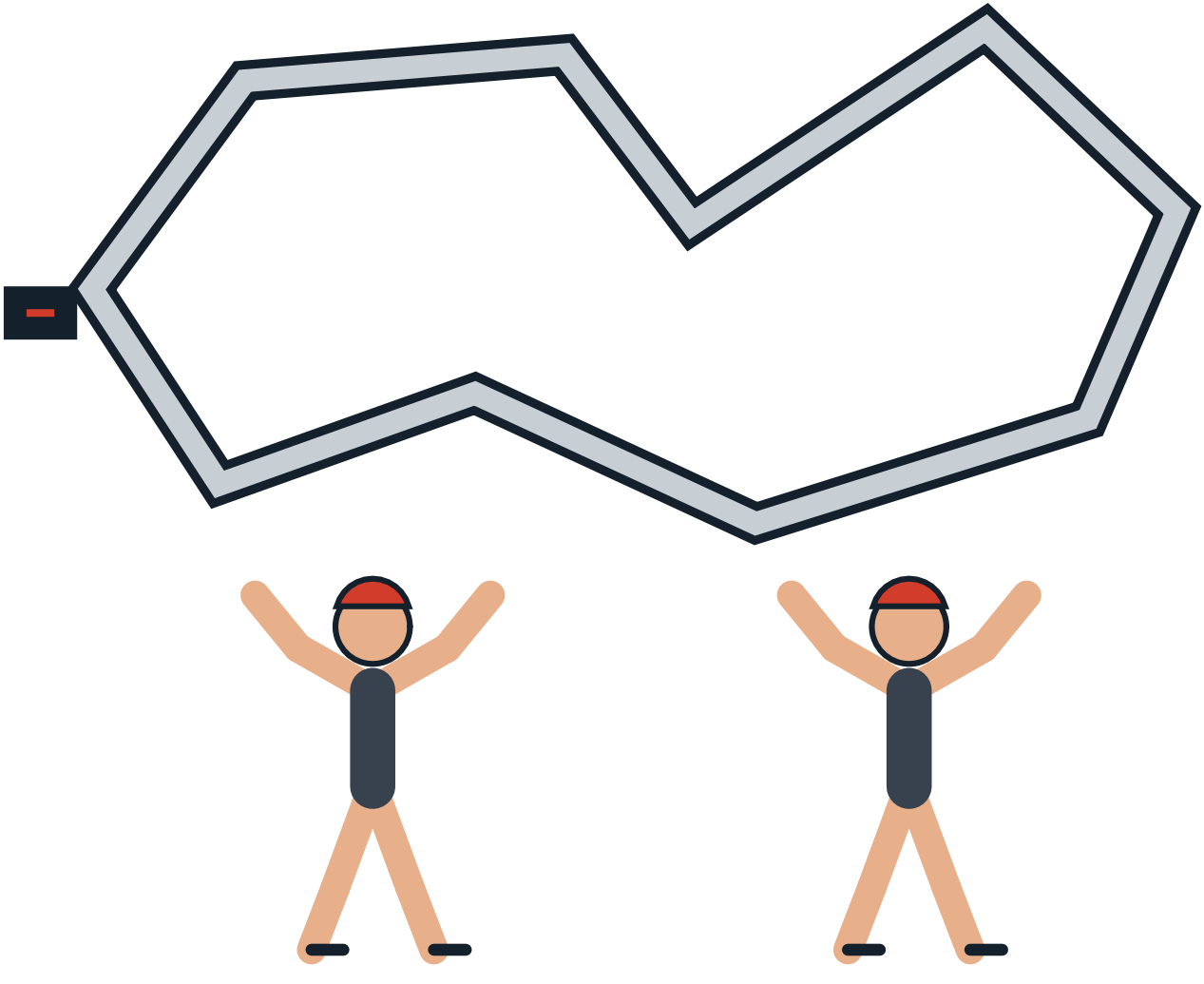


The Motorsport Family

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.
- Powerboat and Jet Ski Racing — Water racing including F1H2O and electric E1.

Game Day!

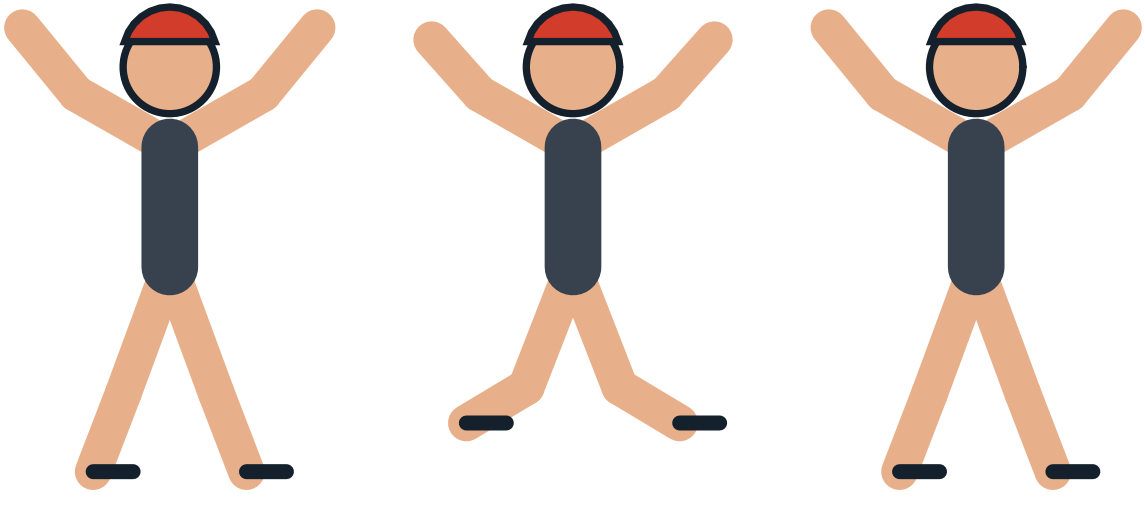


The Sport on Earth Mark

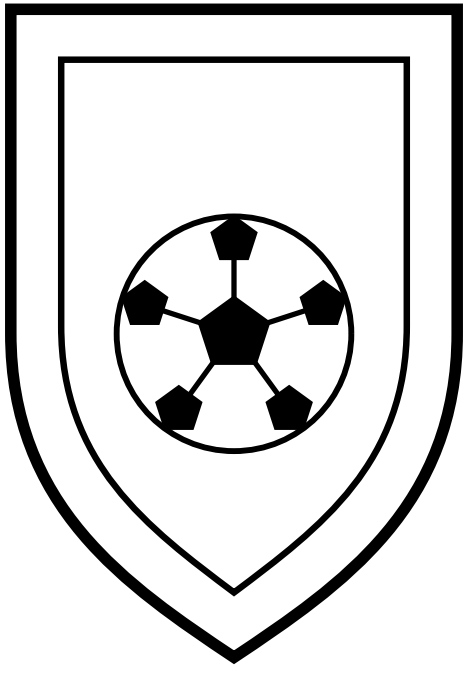
Every sport on Sport on Earth carries its own original mark, drawn for the site. Here is this sport's.



Moves of the Game



Design a Badge

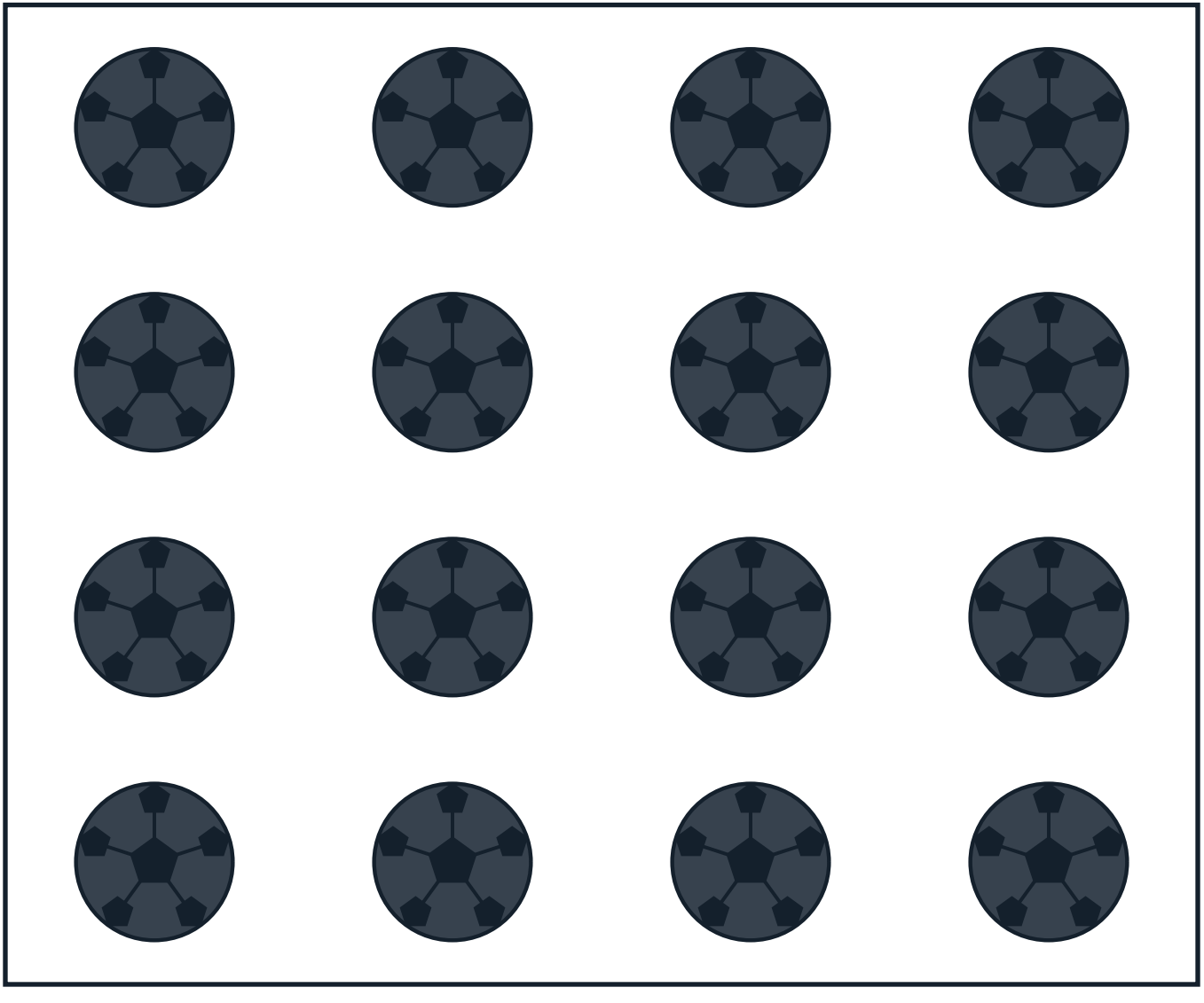


Draw and colour a badge for your own team.

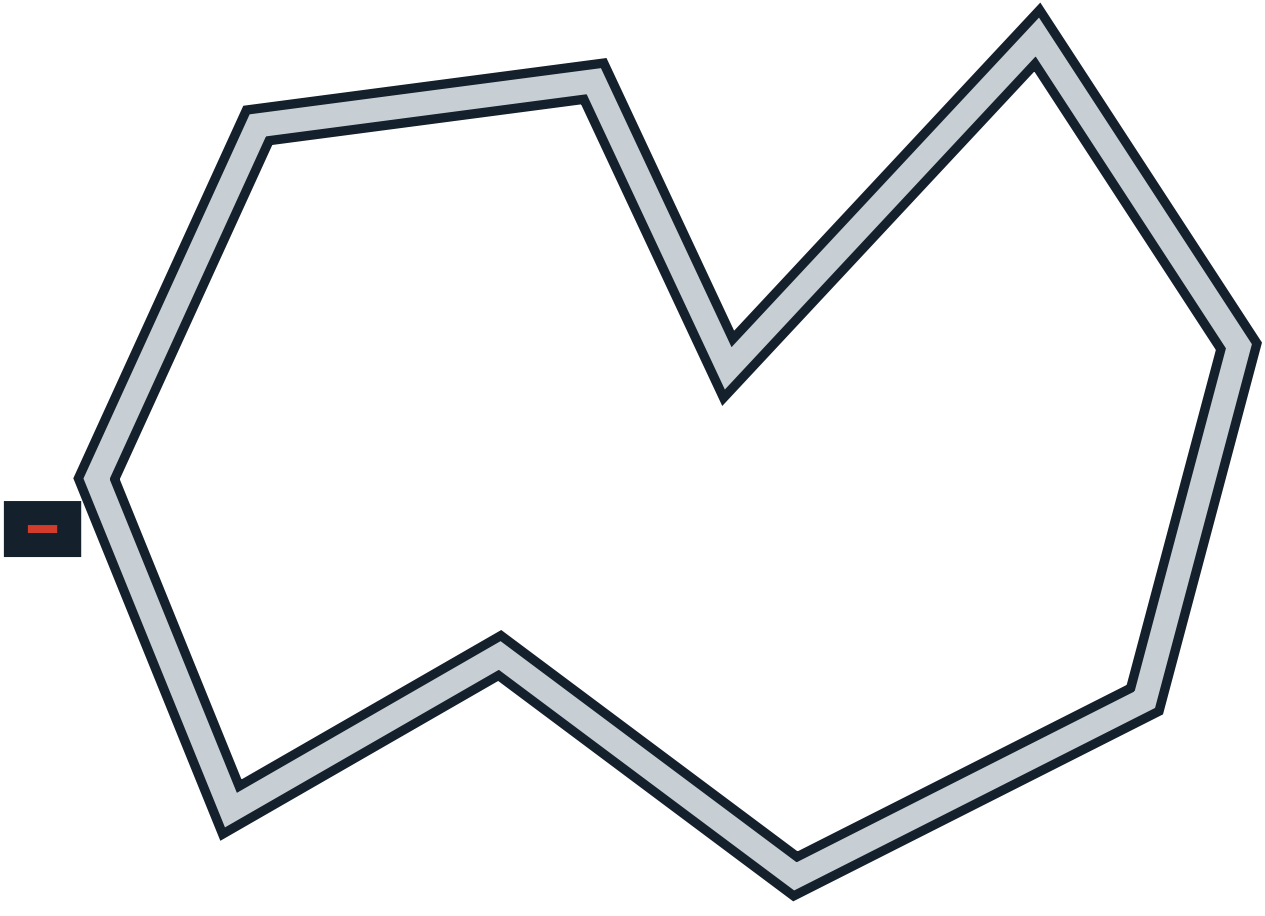
The Gear Parade



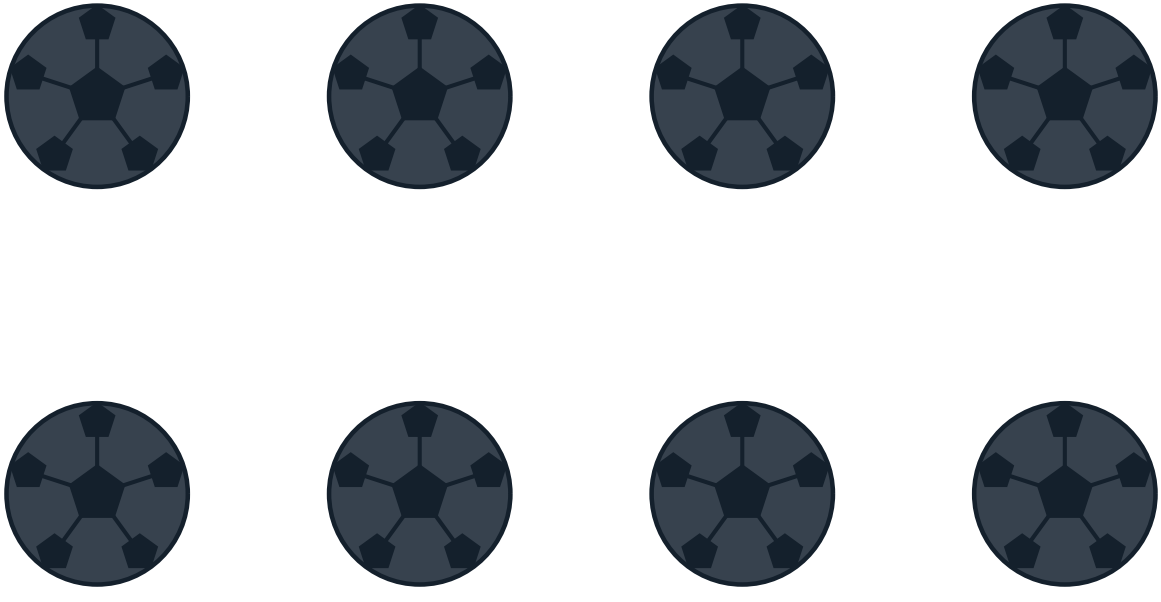
Pattern Play



The Arena From Above



Count the Balls!



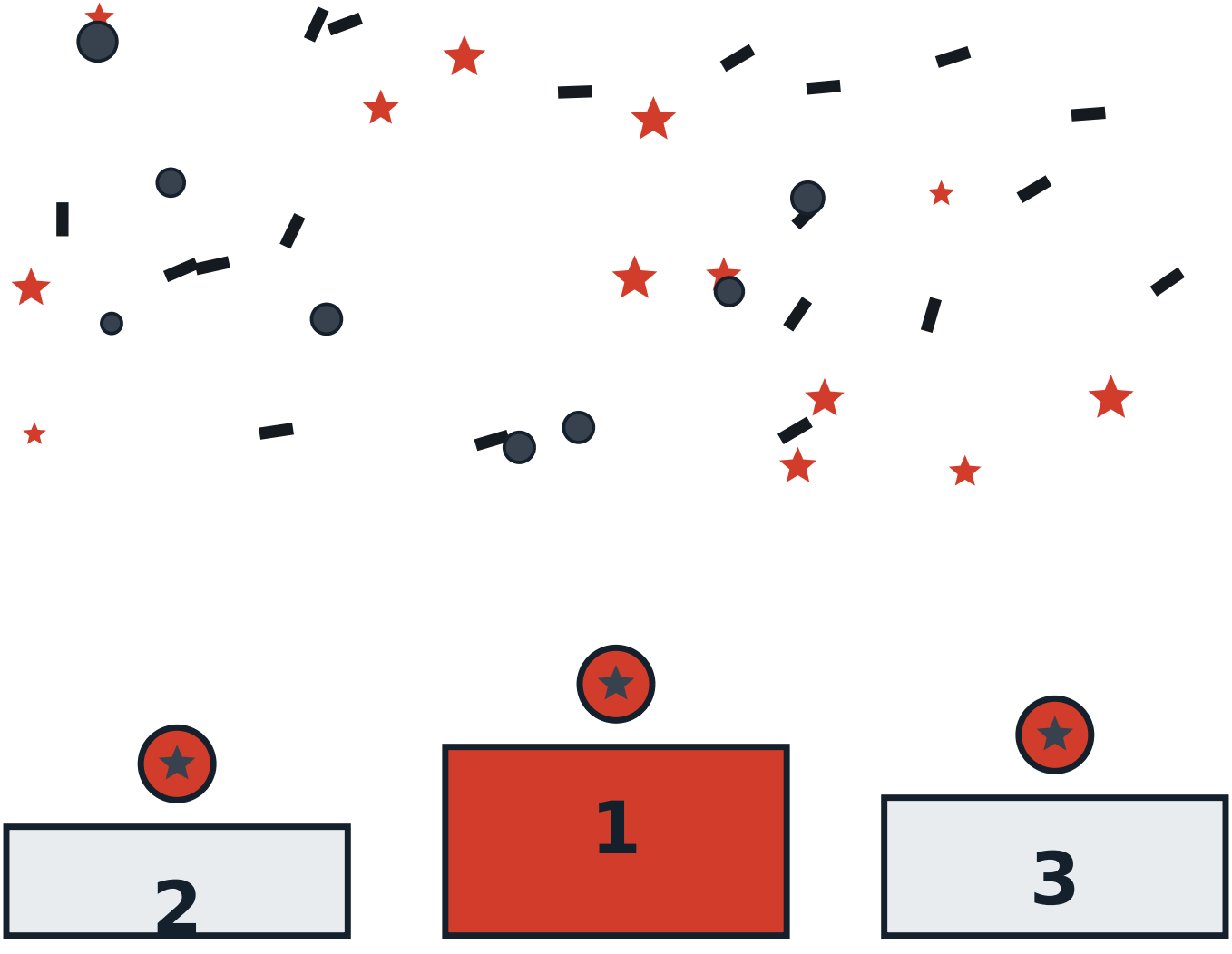
How many can you count? Write the number here: _____

My Favourite Part of Drone Racing

Gear Close-Up



Champions!



The Mandala of the Game



About This Book

Governing body: Fédération Aéronautique Internationale (FAI), International Aeromodelling Commission (CIAM). Laws edition the site's rules file follows: FAI Sporting Code, Section 4, Volume F9 Drone Sports, 2025 Edition (effective 1 May 2025) — class F9U. 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 Racing

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

Text from Sport on Earth's verified sport files. Illustrations: original programmatic artwork created for this series, including the site's own sport mark. No copyrighted characters, team logos or player likenesses appear in this book.

Collect the whole shelf: a cartoon book and a colouring book for every one of the 442 sports and games on Sport on Earth.

