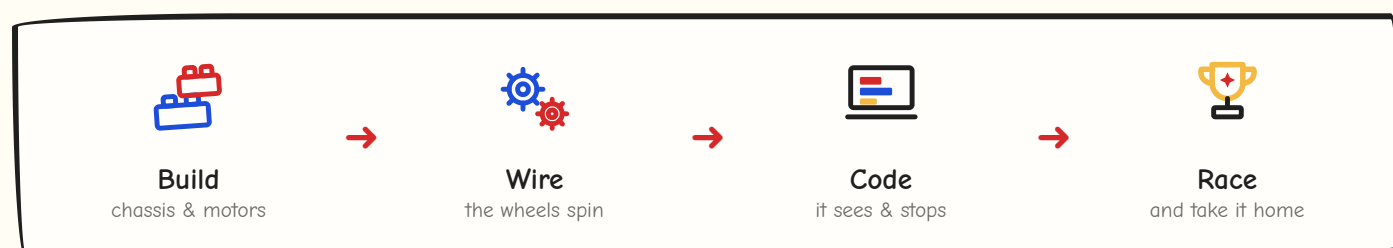


Corporate Family Robotics Day

Three hours. One robot car per family. Your people leave with their kids — and something they built together.

Employees and their children pair up as pit crews and build a real Arduino robot car: chassis, wiring, code, and an obstacle-avoidance time-trial to finish. Every crew keeps the car. It is a wellness day your people actually want to attend, because it gives the household a reason to come.



HOW LONG 3 hours, one session	WHO Employees + their children	A CREW Up to 4 people, one car	GROUP SIZE 8–25 crews per session
BEST AGES 8–14 (6+ with an adult)	THEY KEEP The Arduino robot car	WHERE Your offices, nationwide	YOU PAY Company invoice, EFT

And plainly, what it isn't: ✗ Not a ropes course. ✗ Not trust falls. ✗ Not a talk.

Everyone builds the same thing at the same time, and every crew finishes with a working car. Nobody is put on the spot, and nobody sits out.

Get an indicative total in two minutes
sheen.bot/academy/corporate

academy@sheen.co.za · 065 900 8570
Formal quote & pro-forma within one working day

3 hours, minute by minute

These are the timings we actually run. Facilitators keep the room on them, so whatever you have planned around the event still holds.

0:00		Pit lane 0:00–0:20 Arrival and coffee. Crews are named and badged, and role cards — Builder, Wiring Chief, Coder, Race Engineer — are dealt so the child holds at least one technical card. Phones go in the box on the table.
0:20		Meet your machine 0:20–0:45 Unbox the kit: chassis, motors, wheels. The child follows the illustrated build card and instructs the adult; the adult supplies torque and patience. First shared "it's a thing now" moment.
0:45		Wiring Chief 0:45–1:15 Motor driver, battery pack, controller board, on a colour-coded harness that is deliberately hard to get wrong. Payoff: the wheels spin. Loudest ninety seconds of the day.
1:15		Pit stop 1:15–1:30 Snack and water, plus a facilitated ten-minute reset: four minutes of breathing and stretching, six minutes of "swap one thing you learned from your kid" with the crew next to you. Framed as what engineers do between builds.
1:30		Make it think 1:30–2:10 Upload the code. Forward, turn, then the ultrasonic sensor: the car stops before it hits something. The child drives the laptop while the adult reads the brief aloud — a deliberate competence inversion, and the part people talk about afterwards.
2:10		The Last Mile 2:10–2:40 A taped time-trial course: deliver a payload through the maze without collisions. Two runs with a re-tune window between them, so the lesson is iterate, not win. Points for completion, cleanliness, and one judged "best team fix".
2:40		Podium 2:40–3:00 Winners, a "Best Comeback" award for the crew whose car died and came back, the group photo, and cars boxed. Everyone leaves holding something.

One car, one family

- A pit crew is one or two employees plus one or two of their children — up to 4 people included in the crew price.
- Ages 8–14 are the sweet spot. Six- and seven-year-olds are welcome with an adult on the fiddly bits.
- No children of your own? Bring a niece, nephew or godchild, or pair up with a colleague as a two-adult crew.
- A fifth person on a crew is **R 180,00** ex-VAT — a seat, catering, a workbook and a badge.

1 facilitator per 6 crews

Never fewer than 2 on site. From 12 crews we add a floating tech lead — the person who owns the spare motors, the hot-glue gun and everyone's dead battery. We publish the ratio because it is the whole difference between a workshop and a room full of stuck people.

Why it works

The attendance problem with wellness days is that they cost employees a Saturday and give nothing back to the household. This one gives the household the reason to come.



Family inclusion, on company time

The complaint behind most burnout is work encroaching on home. This gives some of it back, concretely: three hours where an employee's child is the point, paid for by the employer.



Deliberate competence inversion

The child instructs the parent. Colleagues watch each other be beginners in public — a psychological-safety rep disguised as play, and a muscle most teams never train.



Screen-positive, phone-negative

Children get three hours of high-agency screen time with a purpose. Adults get three hours without a phone. Both are unusual, and people notice.



A takeaway that keeps working

The car sits on a kitchen table for months. The conversation carries on at home long after a ropes course would have been forgotten.



Measurable, if you want it measured

An optional anonymous three-question pulse before and after — belonging, stress, would-recommend — plus a photo pack. That is the evidence that gets next year's budget approved.

What you get

- ✓ One Arduino robot car kit per crew — wiring, motors, controller and an ultrasonic sensor — which the family keeps.
- ✓ 3 hours of facilitation at one facilitator per 6 crews, never fewer than 2 on site.
- ✓ A floating tech lead from 12 crews up — the person who owns the spare motors, the hot-glue gun and everyone's dead battery.
- ✓ Laptops with the toolchain pre-installed, so nobody spends the first hour on drivers.
- ✓ The taped time-trial course, role cards, illustrated build cards and printed briefs.
- ✓ A "5 things to build next" card with a QR to online step-by-steps.
- ✓ The podium photo pack, delivered within 48 hours.

Where it runs



At your offices

Nationwide. We bring tables, power boards, laptops, spares, floor tape and the course.

Needs roughly 2 m² per crew on a hard floor.
Setup fee of R 2 500,00 ex-VAT, plus travel beyond 30 km of Century City.



At Sheen Academy

Our teaching centre at Unit C4, Century Square, Century City, Cape Town.

No setup fee and no travel. Capacity-capped, so weekend dates book out first.



A conference venue

Already booked a venue for your family day? We slot in as one of the activities.

You book the room; we quote setup and travel to it.

Per crew, **kit included**

A crew is up to 4 people and one Arduino robot car they keep. Prices are ex-VAT and quoted to the company — no employee is ever asked for a card.

8–11 crews R 1 950,00 per crew, ex-VAT 3 hours of facilitation, all materials, one Arduino robot car per crew to take home, and the photo pack.	Most booked 12–19 crews R 1 750,00 per crew, ex-VAT 3 hours of facilitation, all materials, one Arduino robot car per crew to take home, and the photo pack.	20+ crews R 1 595,00 per crew, ex-VAT 3 hours of facilitation, all materials, one Arduino robot car per crew to take home, and the photo pack.
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Too small to fill a room? Share a session.

We host a shared Century City session and you take a block of as few as **2 crews** at **R 2 100,00** ex-VAT each — no venue to find, no setup fee, no travel. We fill the rest of the room from other employers nearby. Two families is enough to come.

Add-ons

Event photographer A shooter for the full three hours; edited pack delivered within 48 hours.	R 3 500,00 per event
Branded chassis decals Your logo cut and applied to every car; so the takeaway carries the brand home.	R 120,00 per crew
Engraved winners' trophy A real trophy for the winning crew, laser-engraved in our own workshop.	R 950,00 per event
Wellness pulse + report Anonymous 3-question pulse before and after; with a one-page summary for HR.	R 1 800,00 per event

What else moves **the number**

Extra people — **R 180,00** for a fifth or further person on a crew. **On-site setup** — **R 2 500,00** when we come to you, per session; nothing at our Century City campus. **Travel** — free within 30 km of Century City, then **R 12,00** per km on the round trip. **Group size** — from 8 crews; above 25 we split the day into two sessions rather than crowd the room.

All prices exclude VAT at 15%, shown as a separate line on your quote and invoice. Payment is by EFT against a VAT invoice. Purchase orders and vendor onboarding forms are no problem — mention it on the enquiry.

Get an indicative total in two minutes
sheen.bot/academy/corporate

academy@sheen.co.za · 065 900 8570
Unit C4, Century Square, Heron Crescent, Century City
Formal quote & pro-forma within one working day