

Pro Kit ⚡

Build your own life-size electric vehicles together!

CONTENTS

- 1,110 Modular parts
- 36x Teaching materials
- ePulse® electric motor ⚡
- 9x Sturdy storage boxes
- 9x Organizing sheets for parts
- 3D SketchUp designs
- 1x Teacher's manual (*online*)
- All necessary durable parts
- Associated tools

SUITABLE FOR

Age 10+, max. 8 students

YOU CAN BUILD

- 12x Life-size Rides (5 ePulse® Rides)
- 4x Science Builds
- 20x Design Challenges
- Endless own creations

DURATION PER ASSIGNMENT

2-8 hours, with option to split it up

\$1,995

The Pro Kit is, just like the Talent Kit, widely applicable in middle school and high school. All types of students and teachers can start working with it, without any prior knowledge. The big attraction of the Pro Kit? The amount of Design Challenges, a huge amount of parts for your own creations and... the ePulse electric motor! Is the new Henry Ford or Elon Musk at your school? Infento can spark the engineering fire in any child. Who doesn't like building their own electric vehicle to race at the schoolyard afterwards!?

With one Pro Kit, a maximum of **eight students** can be put to work. A group of four can build an electric vehicle or a Science Build together. Two groups of four can build a smaller vehicle at the same time, such as a skateboard or scooter. Of course it's also possible to work individually on an Infento project or with a smaller group. When using multiple Pro Kits you can have the entire class work with Infento, or divide the Kits over several grades.

The Pro Kit consists of 1,110 modular parts that are conveniently stored in nine high quality, mobile storage boxes. Students can let their imagination go wild constructing the Design Challenges, thanks to the enormous amount of parts. Build an electric recumbent cycle, a special gaming chair, a futuristic pedal go-kart or a fitness machine. Anything is possible! The Pro Kit ensures educators that their students will become familiar with critical 21st century skills, all while building inventions full of passion and enthusiasm!

12x RIDES 🚲



Minibike ⚡



Quad ⚡



Hot Rod ⚡



Go-Kart ⚡



Buster ⚡



Cabby



Funboard (2x)



Gecko XL (2x)



Caterpillar XL (2x)



Cruiser (2x)



Flowmotion XL (2x)



Dash (2x)

20x DESIGN CHALLENGES 💡

Horse for the princess

Fairground turntable

Flying Dutchman

On stilts

Shuffleboard

Flying carpet

Catapult

Exercise bike

Mobile desk & chair

High striker

Formula 1 car

Stretcher

Pope Mobile 2.0

Prosthetic leg

Fitness Mania

Wheelchair for Unicef

Vehicle with a sidecar

Drill machine powered vehicle

Vehicle with vertical drive

Electric recumbent bike

4x SCIENCE BUILDS 🧪



Bottle Rocket (2x)



Archimedes Screw



Balancer



Crane + Pulley

Does your school have a 3D printer? Cool! Print some of the final parts of these 3 Science Builds at this [Thingiverse Link](#)