

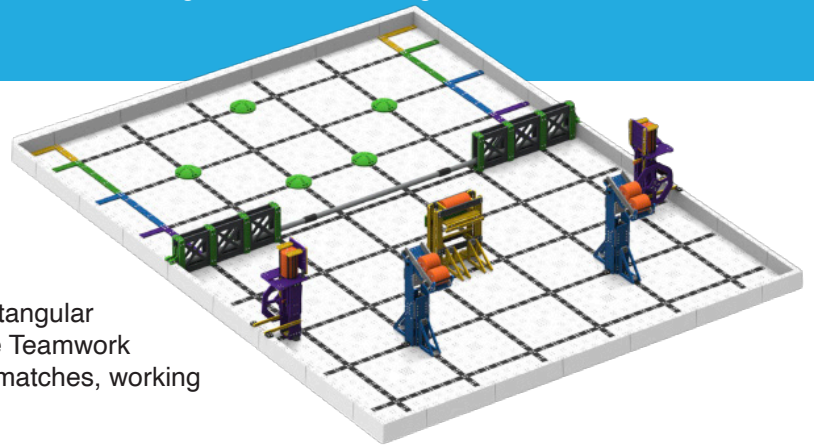
Price List 2022/23

Note: ALL PRICES INCLUDE VAT.

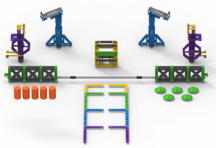
Beyond science and engineering principles, **VEX** encourages creativity, teamwork, leadership, and problem solving among groups. It allows educators of all types to engage and inspire the STEAM problem solvers of tomorrow! Each year VEX Robotics hosts the worlds largest Robotics Competition, which challenges students to design and build a robot in order to compete in a challenge style game.

2022/2023 GAME: SLAPSHOT

VEX IQ Competition Slapshot is played on a 6' x 8' rectangular field configured as pictured. Two robots compete in the Teamwork Challenge as an alliance in 60 second long teamwork matches, working collaboratively to score points.

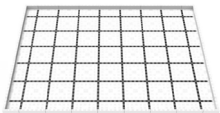


Teams also compete in the Robot Skills Challenge where one robot takes the field to score as many points as possible. These matches consist of Driving Skills Matches, which will be entirely driver controlled, and Programming Skills Matches, which will be autonomous with limited human interaction.



VEX IQ 2022- 2023 Slapshot Game VEX 2287506

All the Field Elements & Game Objects needed to build a complete VIQC Slapshot field. Note: VEX IQ Challenge Field Perimeter & Tiles (VEX 2287396) are NOT included.



VEX IQ Field Kit 6ft x 8ft VEX 2287396

Includes: 12" x 12" Square Tile with Rubber Feet (48), 12" Straight Wall Section (24) and 12" Outside Corner Wall Section (4). Use the VEX IQ Field Case (VEX 2286521) to neatly store your field away.



VEX IQ Field Case VEX 2286521

CODE	DESCRIPTION	PRICE
VEX 2287506	VEX IQ 2022 - 2023 Slapshot Game	€184.00
VEX 2287396	VEX IQ Field Kit 6ft x 8ft	€465.00
VEX 2287395	VEX IQ Field Kit Add on (Brings your 4ft x 8ft field up to a 6ft x 8ft field)	€144.00
VEX 2286521	VEX IQ Field Case (Space for one third of a VEX IQ Challenge Game)	€39.95

VEX IQ G2 Education Bundle €559.00

VEX 2288899



Kit comes with everything needed to power, remotely operate, and code your robot. The Robot Brain now includes a colour screen and improvements have been made to the Robot Battery to provide all-day classroom usage in most situations.

Controller €117.00

VEX 2286470



This controller packages analog joysticks and buttons into a familiar video-game style design. A rechargeable battery ensures enough charge to get you through multiple class periods or a full day of competition programmed.

VEX 2282536

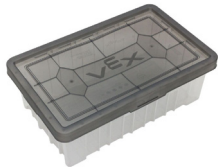
200mm Omni-Directional Wheel €17.25



Omni-Directional wheels roll forward like normal wheels, but slide sideways with almost no friction (no skidding during turns). Use these wheels to make your robot turn smoothly or build a holonomic drivetrain.

Storage Bins & Trays €51.95

VEX 2283036



Convenient storage bins and trays for VEX IQ items. Bin dimensions: 53cm x 33cm x 17cm

VEX IQ Robot Battery €72.95

VEX 2287045



The IQ Robot Battery powers the IQ Robot Brain. 7.2v 2,000 mAh Lithium Ion. USB-C Charging. Requires a USB power adapter and a USB-C cable.

VEX VEX Pin Tool €10.25

VEX 2284035



The VEX Pin Tool makes working with VEX IQ pins and plastic even easier. Use the Pin Tool just as you would a pair of pliers. Simply place the tool over the pin you want to remove, squeeze, and pull!

Foundation Add-On Kit €131.75

VEX 2282531



The ideal kit for expanding a VEX IQ collection. Allows for creation of supplemental robot mechanisms and teaching of additional lessons. Includes over 1,000 VEX IQ components, storage bin and tray.

VEX IQ Competition Kit (2nd Gen) €825.00

VEX 2287980



The IQ Competition Kit makes starting a new VEX IQ Challenge team easy. This kit contains all the parts from the VEX IQ Education Kit and adds another two bins of parts and extra motors to allow teams to build a competitive robot.

VEX 2283506

Drive Shafts €6.50



Because that wheel isn't going to drive itself. Give your motors something to turn with VEX Drive Shafts!

Colour Sensor €42.25

VEX 2283012



The Colour Sensor detects the colour of objects. Supports event programming to simplify software. Measures independent Red, Green, and Blue in 256 levels each.

VEX IQ Smart Motor €33.50

VEX 2282560



The built in processor, quadrature encoder and current monitor allow for advanced control and feedback through the Robot Brain.

VEX IQ Plastic Shaft Base Pack €13.50

VEX 2283620



The Plastic Shaft Base Pack contains various length shafts for different purposes and pitches your design may require. This pack is included in all VEX IQ Starter Kits and Super Kits.

You can browse our entire range of VEX IQ here: www.sgeducation.ie/category/vex-iq2

We are available 9am - 5pm Monday to Friday. You can chat to our knowledgeable friendly staff, live on our website www.sgeducation.ie or you can contact our Sales Team by phone or email.