

CANADA'S SCIENCE SOURCE SINCE 1970

# EfstonScience

## The Science SuperStore

3350 Dufferin Street, Toronto  
416-787-4581 • 888-777-5255

EfstonScience  
**40**  
years  
1970-2010

**From a rich past  
to a brighter future**

[eScience.ca](http://eScience.ca)

Science & Astronomy SuperStore

[eSolar.ca](http://eSolar.ca)

Solar & Wind Power SuperStore

[eTool.ca](http://eTool.ca)

Tools & Technology SuperStore



**For 40 years, there's been no other store like it... anywhere!**

In 1970, Evan and Terri Efston opened a small store specializing in lasers and holography at 1947 Avenue Rd. They soon became the sole Canadian distributors of Edmund Scientific.

By 1975, the store had outgrown the space, and a new EfstonScience was opened at 3500 Bathurst Street. Telescopes, microscopes and observing optics were now an important part of the business, and the store's selection of innovative and educational science products kept growing.

In 1981, the Efstons custom-built an innovative 12,000 ft<sup>2</sup> passive solar-heated building to be our Science SuperStore at 3350 Dufferin Street. The giant telescope installed on the roof in 1994 quickly became a Toronto landmark.

Today, EfstonScience is still a family business, run by the "kids", Nick and Irene Efston. Our store is packed with thousands of unique and hard-to-find science and educational products, plus the largest observing equipment showroom in Canada.

Our friendly staff are an eclectic mix of knowledgeable science and astronomy enthusiasts. Their dedication, experience and genuine helpfulness make our customer service the best in the business.

Online, our [eScience.ca](http://eScience.ca), [Telescopes.ca](http://Telescopes.ca), [eTool.ca](http://eTool.ca) and [eSolar.ca](http://eSolar.ca) websites have become go-to sites for science and green-energy enthusiasts across Canada and around the world.

**What does the future hold for EfstonScience?**

We are using our 40 years of science know-how to help make Ontario a better place. Last year we erected Toronto's first **off-grid hybrid wind+solar powered streetlight** at the SuperStore. EfstonScience is proud to now offer **turn-key installation of solar and wind power systems**, backed by the same great customer service that has made us Canada's Science Source for three generations.



**NANODOTS MAGNETIC MICRO CONSTRUCTORS**

Kids of all ages love Nanodots—a set of 216 magnetic micro constructors that you can use to sculpt hundreds of creations. Make geometric patterns, jewellery, robots, animals—whatever your imagination comes up with. Or squeeze the dots together and take out your stress on 'em.

**Nanodots 216 Original**  
605N001 \$29.95



**SKY WATCHER 10" GO-TO DOBSONIAN TELESCOPE**

Open up the heavens with this precision-engineered telescope. The traditional Dobsonian's wide-field quality has been combined with the convenience of a computerized telescope and a patented collapsible tube design to give you the ultimate in portability and performance.

**SkyWatcher 10" Go-To Dobsonian**  
672N416 \$1,199.95



**GARDENWATCH TIME-LAPSE CAMERA**

Capture your garden growing or construction project in progress with this **easy-to-use, weather-resistant, time-lapse camera** that automatically takes big, beautiful photos over days, weeks, or months. Seven predetermined time intervals—from one photo a minute to one a day—are transformed into an AVI movie and stored on an SD card.

**Brinno GardenWatchCam**  
171N002 \$179.95

**THE WATCH PHONE**

Talk the time away with this new and innovative Watch Phone. Lightweight and compact, the Watch Phone revolutionizes how you communicate. Hands-free operation, speed-dialing capability, built-in microphone and speakers, and more. Simply insert your SIM card and start dialing.



Silver Face with Black Leather Band 267N003 \$129.95  
Black Face with Black Rubber Band 267N004 \$129.95



**MOSHI VOICE CONTROLLED DIGITAL CLOCK RADIO**

Wouldn't it be great if your alarm clock listened to you, instead of issuing marching orders first thing in the morning? The Moshi Voice Control Digital Clock Radio with Technology That Listens™ is controlled by you—tell it what to do, and it listens. A calmer way to start the day.

**Moshi Clock Radio** 267N005 \$79.95



**H-RACER 2.0 FUEL CELL CAR KIT**

Become part of tomorrow's automotive technologies today—build and drive your own hydrogen fuel cell car. The H-Racer 2.0 features a construction kit of a scale model car with light-emitting interior features and remote-controlled steering. Ages 8+

**H-Racer 2.0** 461N003 \$129.95

**HEXBUG NANO HABITAT SET**

Now you can give your HEXBUG its own home. The Nano Habitat Set contains everything you need to build your own HEXBUG habitat. Place your bugs in their home and watch them go through the maze. Comes with 2 HEXBUG Nano specimens. Ages 7+

**HEXBUG Nano Habitat Set**  
470N004 \$29.95



**SWINGING STICKS**

As featured in the movie *Iron Man 2*, Swinging Sticks seem to defy gravity as they circle and move noiselessly through the air. This unique item is a high-quality, museum-grade, decorative art object. 34 1/4" high, base 19 3/4" x 5"

**Swinging Sticks**  
584N001 \$299.95



**DECORATIVE COMPACT LASER SHOW**

Put on your own laser show whenever you want! The Compact Laser Show projects more than 3,000 points of light that move, expand, and group themselves into patterns of different intensity and colour.

**Laser Show**  
447N088 \$149.95



**ezREAD DIGITAL MAGNIFIER**

The DR-200 ezRead™ transforms your TV into a magnifying glass. Simply place the ezRead™ directly on top of your reading material to display the magnified image in full colour right on your TV screen. 4 3/4" x 4" x 2 3/4"

**ezRead DR-200** 941N017 \$119.95



**6" ROUND GEAR CLOCK WITH BRASS GEARS**

Watch time's inner workings—the GearUp Table Clock leaves nothing to the imagination. The beautiful, precise gears and cogs never stop spinning and keep exact time. This battery-operated clock is the perfect combination of style and function.

**6" Round Gear Clock**  
216N062 \$39.95



**2GB SPY PEN CAMERA**

Carry your camera in your pocket—the Spy Pen Camera goes where you go. Take high-quality photos and video with the pen's integrated camera and recorder. 2 GB flash memory included.

**Spy Pen Camera 2 GB** CAMCOLVC9 \$59.95



**GECKO DASHBOARD PAD**

Every car needs a Gecko dashboard adhesive pad! Slap it on your vertical/slanted dashboard and put things on it like your phone, iPod, sunglasses, pen or anything you need handy and it will hold it there. No sticky residue not parts that can break or be lost like other dashboard mounting solutions. All colours available online and in-store.

Gecko Pad—Super Strong Black 3 3/8" x 5 1/2" 383N005 \$11.99  
Gecko Pad—Original Black 4" x 6 3/8" 383N006 \$12.99



**SUNBOX USB SOLAR BATTERY POWER SUPPLY & LIGHTING SYSTEM**

Who needs disposable batteries? The Sunbox powers a bright evening light for up to 11 hours. The self-regulated system charges its battery automatically during the day. USB light bulb and adapters, waterproof solar panel, and LED light included.

*Sunbox Battery & Lighting*

**461N005**

**\$79.95**



**POWER HOUSE LEARNING KITS**

Power House Learning Kits help you learn to live sustainably. Transform and use different forms of energy by building a model house, electric train, windmill, solar cooker, solar hot water tank, hygrometer, electric motor, power hoist, sail car, and more.

Power House – Green Essentials Edition	<b>375N008</b>	<b>\$119.95</b>
Power House – Sustainable Living Kit	<b>880N001</b>	<b>\$199.95</b>

**MARPAC SLEEPMATE**

Slip away to dreamland easily and comfortably with the Sleepmate. It masks unwanted sounds and helps restless sleepers fall asleep faster. The adjustable Sound Screen/Sleepmate Sound Conditioner 980A is dual speed and produces breeze-like white-noise sounds.



*Marpac Sleepmate 980A*

**593N980**

**\$69.95**

**ULTRASONIC CLEANER**

You don't need toxic chemicals to keep your valuables clean. The Ultrasonic Cleaner's high-frequency cleaning unit makes everything sparkle. Use it on jewellery, dentures, eyeglasses, cleaning the heads of electric shavers, and much more.



*Ultrasonic Cleaner*

**VTUSCU**

**\$89.95**



**POWERFILM 5W FLEXIBLE, ROLLABLE SOLAR PANEL**

The perfect solar charger for small electronics like iPods, cameras, cell phones, and smart phones, the Powerfilm 5W rolls up for easy storage and portability. The built-in solar charger produces 5 watts of power at an operating voltage of 15.4 volts. 11 1/2" x 21"

*Powerfilm 5W Flexible Solar Panel*

**702N007**

**\$199.95**



**GSR TEMP2X BIOFEEDBACK KIT**

Relax your mind and calm your soul with this hand-held Biofeedback Kit. The GSR Temp2X is a Galvanic Skin Response monitoring device you use to "train" yourself to relax. It precisely monitors your stress levels by translating tiny, tension-related changes in your skin pores into a rising or falling tone.

*Biofeedback Kit – GSR Temp2X*

**539N003**

**\$249.95**



**POWERPORT SOLAR CHARGER & BATTERY**

Never run out of cell phone charge again! The PowerPort Solar Charger uses sun power to provide emergency mobile phone power—enough for a 10-minute call. One hour of charging time is all it takes. And fully charging the PowerPort thru a USB cable gives you up to eight hours of instant back-up power. Charges iPhones, iPods, mobile phones, GPS, gaming, and other USB-powered devices. 1-Year Warranty.

*PowerPort Solar Charger & Battery*

**941N022**

**\$89.95**



**DR. GAUSS: THE EMF DETECTIVE**

The Dr. Gauss EMF Tester is an easy-to-use, affordable, and accurate gauss meter that lets you take your own electro-magnetic field survey at home, office, or school. It detects and measures harmful EMFs produced by electrical currents emitted by TVs, microwaves, and other appliances.

*Dr Gauss*

**52778**

**\$39.95**

**DIGITAL LIGHT METER**

This handy device measures light levels from 0.01 to 50,000 lux. And it's easy to use, with a handy single-function switch and a 3 1/2" digital LCD display. 7 1/2" x 2 1/2" x 1"

*Digital Light Meter*

**DVM1300**

**\$59.95**



**HANDHELD ANEMOMETER**

Small enough to fit in almost any pocket, pack, or purse, the Handheld Anemometer displays current, maximum, and average wind speeds plus the ambient temperature and wind chill readings. Wind speeds can be digitally displayed in any of four different measurement units.

*Handheld Anemometer*

**DVM9500**

**\$49.95**



**VAPUR FOLDABLE WATER BOTTLES**

The Vapur Foldable Water Bottle goes wherever you go—it's the most portable refillable water bottle on the planet. A Vapur Bottle stands up when full, but when it's empty you can roll, fold, or flatten it, making it easy to carry everywhere. Made from ultra-durable, FDA-approved, BPA-free polymer. Available in Blue, Green, Pink, Purple, and Smoke.

*Vapur Foldable Water Bottle*

**885N011**

**\$12.95**

**KILL-A-WATT**

Get your electricity costs down by connecting your appliances to the Kill-A-Watt. An LCD display counts consumption by the kilowatt hour so you can figure out the electrical cost of any appliance by the hour, day, week, month and year. Forecast and control your consumption with this cost-effective device.

*Kill-A-Watt*

**730N001**

**\$39.95**

**FISHER F-2 METAL DETECTOR**

Metal detecting meets the 21st century with the Fisher F-2 Metal Detector. This entry-level model features the same great depth that Fisher is known for in a lightweight and attractive-looking design. Comes with an 8" waterproof concentric search coil that is great on land or at the beach. Jumbo LCD display identifies the target type and depth.

*Fisher F-2 Metal Detector*

**433N035**

**\$249.95**





**DAVIS VANTAGE VUE™ WIRELESS WEATHER STATION**

Weather forecasting at your fingertips! The affordable Davis Vantage Vue™ Wireless Weather Station combines Davis Instruments' legendary accuracy and rugged durability with a compact station that's easy to install, set up, and use. The Weather Center provides additional information on each weather variable. Add on the WeatherLink data logger and software to transfer weather data to a PC or Mac for additional analysis and graphing that can be uploaded to the Internet.

Davis VantageVue™ Wireless Weather Station	272N020	\$429.95
Davis WeatherLink for Windows USB	272N007	\$169.95
Davis WeatherLink for Mac OSX	272N083	\$169.95

**36-CHANNEL WEATHER SCAN TWO-WAY RADIOS**

Big performance in a small package—this two-way radio is state-of-the-art. Features include 36 channels, Selectable CALLAlert, NOAA Weather Scan and Weather Alert, and 121 privacy codes. Its solid-state circuitry will give you trouble-free performance for years to come.



**Two-Way Radio w/36ch., Weather Scan, eVOX**  
628N011 \$64.95

**HEAVEN FRESH AIR PURIFIER**

Freshen up your home—remove allergens, bacteria, chemicals, and other particles with the Heaven Fresh Air Purifier. Its activated carbon filter removes chemicals, gases, odours, and cigarette and cooking smoke, and destroys micro-organisms like germs, viruses, bacteria, and mould. Ideal for a 500-square-foot room.

Heaven Fresh Air Purifier – HF300C	464N001	\$199.95
Replacement Hepa Filter	464N021	\$44.95
Replacement UV Light	464N022	\$14.95

**WEATHER FXI 7-DAY INTERNET-DRIVEN FORECASTER**

Plan your weekend on Monday morning, with seven days of accurate, real-time weather information at your location. Weather data are automatically updated from AccuWeather.com. Get weather info for more than 20,000 U.S. and Canadian cities, live weather messaging for today's conditions, indoor temperature, current and Real Feel temperatures, and more. No sensors to install.

**FXI 7-Day Internet-Driven Forecaster** 193N091 \$99.95

**4-DAY WIRELESS FORECAST STATION**

La Crosse Technology's wireless Weather Direct® gives you easy access to the same quality weather data as meteorologists have, 24 hours a day—without turning on a TV or computer! Get accurate 4-day weather forecasts for over 40,000+ locations, and collect data right in your backyard. No subscription required.



4-Day Forecaster – 200 Cities	533N024	\$99.95
4-Day Forecaster – 600 Cities with E-Mailed Alerts	533N026	\$149.95

**PORTABLE EMERGENCY WEATHER ALERT RADIO**

The radio is still the fastest, most reliable way to find out about extreme weather conditions, like tornadoes, hurricanes, floods, and ice storms, and about civil emergencies. The Weather Alert Radio uses S.A.M.E (Specific Area Message Encoding) technology so that you get the alerts from your area only. Trouble-free performance.



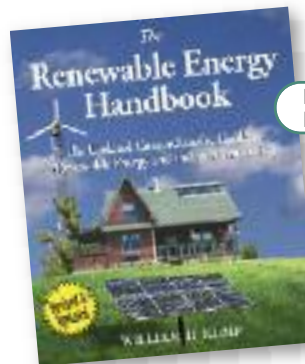
**Portable Emergency Weather Alert Radio**  
628N005 \$64.95

**TABLE TOP WATER DISTILLER**

Make your own high-quality water at home for only 9¢ a litre. The Table Top Water Distiller purifies water from virtually any source, including ponds and lakes. Perfect for drinking and cooking, or using in juices, coffee, tea, baby formula, and more.



Table Top Water Distiller	051N001	\$199.95
Replacement Filters	051N007	\$17.95
Cleaning Solution 1lb	051N008	\$15.95



**RENEWABLE ENERGY HANDBOOK**

Bring home North America's leading guide to reducing your electrical demands through using more green, renewable energy. The Handbook takes you through the basics of solar panels, wind turbines, batteries, generators, and inverters, and helps you come up with a personalized way to adopt renewable energy technologies at home.

**Renewable Energy Handbook** 093N001 \$29.95



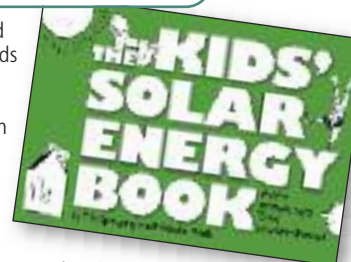
**SOLAR BACK-LIT ADDRESS SIGN**

Make it easy for friends, family, and the pizza deliveryman to find you on even the darkest night. An hour and a half of sun during the day will back-light your house number all night. Up to five digits are displayed in four-inch-high bright-red numerals that are visible from 500 feet away. Rugged, weatherproof construction.

**Solar Address Sign** 832N003 \$59.95

**THE KIDS' SOLAR ENERGY BOOK**

A cast of lively and curious cartoon kids shows real kids how solar power works. A classroom sets the stage for exploring solar-energy systems. Budding environmentalists will discover how to use this clean, natural energy. A simple, clear lesson on the need for solar power in our world.



**The Kids Solar Energy Book**  
624N012 \$18.95

**OWI 6-IN-1 EDUCATIONAL SOLAR KIT**

Mini-solar building kits teach children the benefits of solar energy while they create toys that are both fun to play with and require no batteries. Children use the 21 snap-together parts (no tools required) to build six different working models, including an airboat, windmill, puppy, and two different planes. Ages 10+



**6-in-1 Educational Solar Kit** 658N044 \$16.95



**OUTDOOR SOLAR SECURITY LIGHT WITH MOTION SENSOR AND SIREN**

Light your way with this bright (over 600 lumen) halogen Security Light. Easy installation means you can place it virtually anywhere, because there is nothing to plug in! A patented infrared motion detector detects movement up to 75 feet away. Perfect for security or convenience lighting in your yard, near your garage, or wherever you need it.

**Outdoor Solar Security Light** 832N006 \$89.95



**SOLAR BATTERY CHARGER WITH METER AND LIGHT**

Save electricity and money—charge your batteries using sunlight. The Solar Battery Charger charges AA, AAA, and C rechargeable batteries. Its meter measures sunlight strength, power output, and the time it will take to charge batteries.

**Solar Battery Charger** 343N007 \$39.95



## YOU CAN PROFIT FROM SOLAR POWER!

### 2010 was a breakthrough year for solar in Ontario.

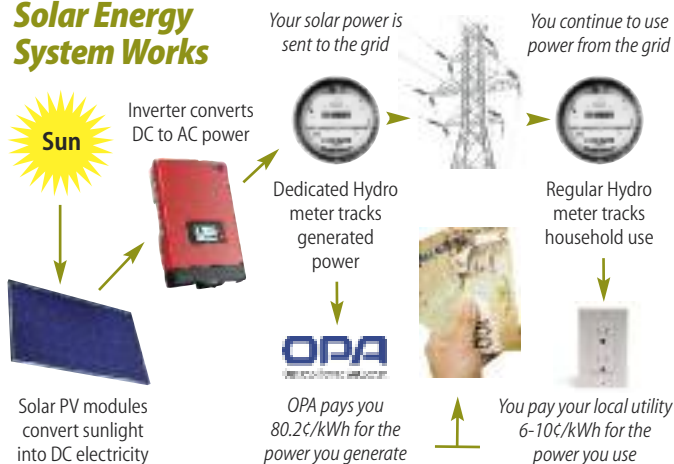
Ontario's **Green Energy Act** introduced new **Feed-In-Tariff** programs to help stimulate the market for clean, renewable energy in Ontario.

The OPA's **microFIT** program (for systems under 10kW) is geared towards Ontario homeowners and small businesses. It pays **80.2¢ per kWh** for your solar power, guaranteed for 20 years.

With the **cost of solar systems lower than ever** and new **0%-down, low-interest financing options available**, now there are **real profits to be made** selling power to the grid.

This is an unique opportunity to **earn a guaranteed income** while helping Ontario achieve a greener future.

#### How a microFIT Solar Energy System Works



An **eSolar microFIT Solar Energy System** is a sound investment that earns a guaranteed annual income while adding value to your home. A typical system will pay for itself within 7-10 years and the 20-year microFIT contract is transferrable if you sell your property.

All of our solar modules are power warranted for 25 years, with an expected lifespan of over 40 years—after your microFIT contract expires, the electricity you generate is yours to use or sell.

**eSolar.ca** is EfstonScience's newest division: a dedicated team of renewable energy experts working to help you get the most from your solar investment. Our turnkey approach looks after everything from system design, permits, and applications to installation and support.

EfstonScience is a member of the **Canadian Solar Industries Assn.** and the **Ontario Sustainable Energy Assn.**, and all our installations are backed by our 40-year commitment to outstanding customer service.

## What is the right system for me?

Everybody's site is unique, so EfstonScience custom-designs every Solar Energy System to optimize R.O.I. Here are some scenarios illustrating what you can expect in terms of costs, energy output, and profits.

New Lower Prices



**Shane has a downtown bungalow** and wants to earn a regular monthly income without a getting a tenant.



#### 3kW MicroFIT System

18 x 175W panels      258 ft<sup>2</sup>  
 Avg. output 3608 kWh/year<sup>1</sup>  
 × 80.2¢      \$2,893  
 Total MicroFIT income: \$57,875  
 Total installed cost: \$21,000  
**Net profit after 20 yrs: \$36,875**  
 Lifetime CO<sub>2</sub> offset: >12,000 kg



**Ruth has a cottage with a garage** and wants to offset the cost of maintaining a year-round cottage.



#### 5kW MicroFIT System

24 X 198W panels      397 ft<sup>2</sup>  
 Avg. output 5442 kWh/year<sup>1</sup>  
 × 80.2¢      \$4,365  
 Total MicroFIT income: \$87,300  
 Total installed cost: \$33,500  
**Net profit after 20 yrs: \$53,800**  
 Lifetime CO<sub>2</sub> offset: >20,000 kg



**Eric has a small suburban factory** and wants to turn an unused roof into a secure, green investment.



#### 10kW MicroFIT System

57 x 175W panels      2400 ft<sup>2</sup>  
 Avg. output 11930 kWh/year<sup>1</sup>  
 × 80.2¢      \$9,568  
 Total MicroFIT income: \$191,360  
 Total installed cost: \$73,500  
**Net profit after 20 yrs: \$117,860**  
 Lifetime CO<sub>2</sub> offset: >40,000 kg

<sup>1</sup> Estimated average output for a specific location in Ontario as calculated by Natural Resources Canada RETScreen (www.retscreen.net). Output estimates are averaged over the 20 years of the MicroFIT contract.

## The eSolar Turnkey Installation Process

**EfstonScience makes it easy** The eSolar team looks after every step of the microFIT application and installation process, to provide you with the shortest path to the highest returns.



\*FIT projects over 10kW have additional steps, including engineering and impact assessments. Call us for more information, or visit the OPA website at fit.powerauthority.on.ca.

## eSolar.ca The Solar & Wind Power SuperStore

eSolar.ca is full of valuable, up-to-date information on green energy solutions. From solar and wind power basics to case studies and photo galleries of our installations to useful tools and resources, you'll find everything you need to know about profiting from green power.



Request a **FREE Solar Assessment** of your property, or use our **Solar Income Calculator** to see how much a microFIT solar system could be earning you.

Our **Green Power Blog** will keep you up to date with the latest in renewable energy products, technologies and innovations.



EfstonScience is more than Canada's largest hands-on scientific retail store—it's also part of our commitment to the environment. The Efston family built the **EfstonScience SuperStore** in 1981 to use passive solar heating, and in 2010 EfstonScience installed Canada's first ePole hybrid wind+solar LED streetlight.



The **Solar & Wind Power Resource Centre** is an entire floor of the EfstonScience SuperStore dedicated to green power displays, kits, books, weather instruments, and more. See our ePole in action, check out our solar and wind power systems, and talk to one of our knowledgeable green energy specialists.



The **ePole Hybrid Solar+Wind Off-Grid LED Streetlight** features the innovative, Canadian-made GUS Vertical Axis Wind Turbine for ultra-efficient, completely silent, maintenance-free operation. Totally self-powered, the ePole saves thousands of dollars in electricity costs. Find out more at [www.ePole.ca](http://www.ePole.ca)



**CELESTRON SKYSCOUT PERSONAL GPS PLANETARIUM**

Become an astronomer—instantly! The Skyscout finds your location using its built-in GPS, and its handheld celestial viewer instantly identifies any of the more than 6,000 stars, planets, and constellations visible to the naked eye. The SkyScout makes learning the night sky and touring the galaxy easier and more fun than ever. Great for the cottage, camping, or travelling anywhere in the world.

Celestron Skyscout	246N201	\$299.95
SkyScout Speakers	246N199	\$29.95
Astronomy for Beginners Expansion Card	246N708	\$19.95
All About the Stars Expansion Card	246N709	\$24.95
SkyScout Connect	246N707	\$99.95

**CELESTRON FIRSTSCOPE 76MM REFLECTOR TELESCOPE**



A great scope for anyone interested in astronomy, this quality Dobsonian-style table-top telescope features a 76mm aperture reflector optical tube. FirstScope is an ideal entry-level astronomical telescope. The compact design makes it easy to take with you on your next outdoor adventure. And it's stylish enough to be a decorative fixture on your bookshelf or desk. 20mm (15X) and 4mm (75X) eyepieces included.

**Celestron FirstScope Reflector Telescope**

246N511 \$59.95

Celestron Accessory Kit 246N099 \$24.95



**CELESTRON SKYMASTER JUMBO BINOCULARS**

Celestron 15x70 Binocs	246N472	\$119.95
Celestron 20x80 Binocs	246N157	\$149.95
Celestron 8x56 Binocs	246N148	\$239.95

Celestron's SkyMaster Series of large-aperture binoculars are a great value—these high-performance binoculars are ideal for astronomical viewing or for terrestrial use, especially over long distances. Each SkyMaster model features high-quality BAK-4 prisms and multi-coated optics for enhanced contrast.

**CELESTRON CGEM SERIES TELESCOPES**

The versatile Celestron CGEM Series lets you track well past the meridian for uninterrupted imaging. Its innovative All-Star polar-alignment system allows users to focus on any bright star, while the software calculates and assists with polar alignment. The CGEM mount's database contains over 40,000 objects, 400 user-defined programmable objects, and enhanced information on more than 200 other objects.

Celestron CGEM 8" Telescope	246N001	\$2,249.95
Celestron CGEM 9.25" Telescope	246N002	\$2,899.95
Celestron CGEM 11" Telescope	246N003	\$3,199.95



**CELESTRON NEXSTAR 130 SLT COMPUTERIZED TELESCOPE**



For the curious astronomer who isn't quite an expert on the stars' locations. The Celestron's fully computerized hand-controller can locate over 4,000 celestial objects, so you can see and learn about stars, constellations, and planets without consulting a star chart. Comes complete with 9mm (62X) and 25mm (26X) eyepieces, StarPointer Finderscope, The Sky Level I CD ROM, tripod with accessory tray, and a preassembled steel tripod. Sets up in minutes.

Celestron NexStar 130 SLT Telescope 246N044 \$549.95

**CELESTRON NEXSTAR SE GO-TO TELESCOPES**

Featuring high-quality Cassegrain optics, the NexStar SE Series are ideal telescopes for observing and photographing the wonders of space. The lightweight, ultra-portable, and easy-to-set-up SE has all the same features as Celestron's most advanced computerized Go-To telescopes, including the revolutionary SkyAlign alignment technology, a database of nearly 40,000 celestial objects, and an easy-to-use hand control.

Celestron NexStar 4SE	246N203	\$569.95
Celestron NexStar 5SE	246N204	\$829.95
Celestron NexStar 6SE	246N205	\$949.95
Celestron NexStar 8SE	246N206	\$1,399.95



**MEADE ETX LS LIGHTSWITCH TELESCOPE**

The revolutionary ETX LS astronomical telescopes feature the most advanced electronics and optics ever used in a consumer telescope. The easiest-to-use, most educational, high-performance telescopes on the market combine LightSwitch Technology with a choice of Advanced Coma Free Optics or Schmidt-Cassegrain Optics, Astronomer Inside multimedia output, and a completely new mechanical design.

Meade ETX LS 6"	596N080	\$1,649.95
Meade ETX LS 8"	596N766	\$2,199.95



**SKY-WATCHER 130EQ REFLECTOR TELESCOPE**

The Reflector is a perfect mid-priced, mid-sized astronomical telescope. The 130EQ is compact but has all the features of a larger reflector. And its power isn't compromised by its size. An ideal telescope for the enthusiastic beginner. Includes EQ2 mount, tripod, 25mm (26X), and 10mm (65X) eyepieces with red-dot finder.

Sky-Watcher 130EQ Reflector Telescope 672N063 \$299.95



**SKY-WATCHER 90MM REFRACTOR TELESCOPE**

A perfect dual-purpose telescope: great for beginning astronomy or terrestrial viewing. This high-quality altazimuth refractor telescope features 213 times the light-gathering capability of the naked eye. Its objective lens produces the best images available in its class. Includes 6x30 Finderscope, 25mm (36X), and 10mm (90X) eyepieces.

Sky-Watcher 90mm Refractor Telescope 672N053 \$299.95



**BUSHNELL 3X32 DIGITAL COLOUR NIGHT VISION**

Turn night into day with Bushnell Night Vision binoculars. Built-in infrared illuminators and advanced light-gathering technology bring what lurks in the dark, into the light of day. Digital technology uses an infrared spotlight for long-range brightness and clarity. Perfect for camping, caving, wildlife observation, and surveillance. Colour LCD micro-display.

3X32 Digital Colour Night Vision 193N083 \$329.95



**BUSHNELL LEGEND ULTRA HD SPOTTING SCOPE**

Bushnell gives you everything you want in a spotting scope. Bright, razor-sharp imagery and a new compact, 100% waterproof design. Exceptional field performance at a competitive price. Vivid clarity and contrast, even in low-light conditions. Fine-tune your sight with dual-focus control adjustments. RainGuard HD gives you a clear view no matter what the conditions.

Bushnell Legend HD Scope	193N053	\$499.95
Bushnell Advanced Tripod	596N766	\$169.95



**VORTEX DIAMONDBACK BINOCULARS**



8X42 Vortex Diamondback	698N012	\$249.95
10X42 Vortex Diamondback	698N011	\$259.95
8x28 Compact Diamondback	698N064	\$159.95
10x28 Compact Diamondback	698N063	\$169.95

Diamondback Binoculars are not only a great value—their wide-field viewing, and easy handling make them the perfect scope for any situation. Rock-solid performance for the toughest conditions. A sure grip, even in cold, wet weather, will make these your favourite binoculars.

**NIGHTWATCH: A PRACTICAL GUIDE TO VIEWING THE UNIVERSE, 4TH EDITION**

NightWatch is your guide to choosing the right telescope, learning to use your scope, and understanding eyepieces and accessories. The 4th edition includes star charts for both the northern and southern hemispheres. Easy to use in the field, this book is an essential guide for every astronomer.

**NightWatch Book**

379N003 \$34.95



**STARRY NIGHT ENTHUSIAST 6.3 SOFTWARE**

Explore 700 million light-years of space in breathtaking realism. View 2.5 million stars and over 13,000 deep-space objects in this interactive sky tour. Learn the history of our galaxy, navigate star charts, and instantly identify planets, stars, and constellations. For Windows and Mac OS.

**Starry Night Enthusiast 6.3**

790N103 \$99.95



# MICROSCOPES & BIOLOGY

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**SPECIAL \$159.95**

## KONUS 1000X BIOLOGICAL MONOCULAR MICROSCOPE

The Konus 5304 Academy biological microscope has everything for the more serious observer: a monocular head; is 360° turnable; focal length of 160; a wide-angle 10X eyepiece and four achromatic objectives of 4X, 10X, 40X, and 100X; double-focusing regulation; a movable stage; light-intensity regulation; transmitted light illuminator with A.N. condenser 1.2; and iris diaphragm and filter holder.

**1000X Biological Monocular Microscope**  
514N325 \$299.95



## CELESTRON HANDHELD DIGITAL MICROSCOPE

Great for teens and adults. Educational and fun, the Celestron's innovative design lets you view specimens or objects on a computer screen and take snapshot images or short videos. Rugged metal stand holds the microscope steady at various positions for viewing and/or imaging. 5 1/2" tall. Magnifies 10X to 40X and 150X digital power.

**Celestron Handheld Digital Microscope**  
246N033 \$74.95

## STUDENT 600X MICROSCOPE LEARNING BUNDLE

Everything you need to explore the microscopic world. With its all metal body and high quality lenses, this student microscope is a sturdy instrument that can take a budding scientist from grade school all the way to university. Magnifies 60X, 150X and 600X with coarse and fine focus. Bundle includes AC illuminator, deluxe slide making kit and educational book.

**600X Student Microscope Bundle**  
514N100 \$195.80



## KONUS DIAMOND 20-40X STEREO 3-D ILLUMINATED MICROSCOPE

This versatile microscope's two achromatic objectives give you 20X-40X magnification power in a binocular 3-D stereo format. Dual illumination for in-depth observation of any specimen—discover the tiniest details of crystals, minerals, coins, flowers, plants, and more.

**Konus Binocular Microscope**  
514N005 \$249.95



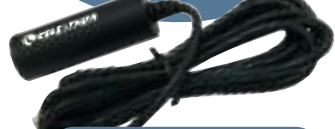
## CELESTRON LCD DIGITAL MICROSCOPE

This digital microscope replaces the traditional eyepiece with an integrated LCD screen that lets individuals and groups view, capture, and save vibrant, high-resolution images and video of microscopic specimens. The built-in 2MP digital camera captures images at magnification levels up to 1600X. Comes with five prepared slides, an AC adaptor, a carrying case, and a USB cable for transferring images to a PC.

**Celestron LCD Digital Microscope**  
246N711 \$269.95



Add on a **Celestron Digital Imager** for only **\$49.95** when you buy **ANY MICROSCOPE**



## CELESTRON DIGITAL MICROSCOPE IMAGER

View and/or capture snapshot images and video from your microscope to your computer. 2 MP sensor with USB2.0 cable adapts to virtually any type of microscope.

**Digital Microscope Imager**  
246N071 \$59.95

# CHEMISTRY & PHYSICS

## 30X ILLUMINATED POCKET MICROSCOPE

Designed for classrooms, hobby applications, and inspections, the quality optics, adjustable light source, and compact design make this a go-everywhere microscope. Measures 5 1/4" x 1 3/8" x 3/4"

**30X Illuminated Pocket Microscope**  
921N030 \$22.95



## 2.5" 5X HAND MAGNIFIER

The unique, light-weight 2.5" lens combines high power with a large, undistorted field of vision. Mounted in a high-impact handle, it's designed for people with low vision, cataract patients, the elderly, and anyone looking for handy vision enhancement.

**2.5" 5X Hand Magnifier** 247N023 \$39.95



## OPTIVISOR HEADBAND MAGNIFIER WITH GLASS OPTICS

This precision binocular headband magnifier gives you unrestricted efficiency while reducing eye strain, leaving your hands free, and allowing for three-dimensional vision. Can be worn over prescription or safety eyeglasses. Adjustable band fits all head sizes.

Optivisor Headband Magnifier - 1.75X	407-028	\$59.95
Optivisor Headband Magnifier - 2.50X	407-030	\$59.95
Optivisor Headband Magnifier - 2.75X	407-031	\$59.95



## 7" 1.75X MAGNIFYING LAMP

This lamp combines a powerful light with a large lens for high-quality, detailed work. Its 28W Naturalight tube saves energy too. Comes with tube and table clamp.

**7" Magnifying Lamp** 569N007 \$149.95



## 10X ILLUMINATED MAGNIFIER W/UV LIGHT

This great little magnifier's built-in band of six LED lights emits a cool, bright light or UV light that is ideal for inspecting rocks and stamp collections. Direct illumination eliminates shadows and brings your subject into focus. Leather storage case included.

**10X Illuminated Magnifier w/ UV**  
284N009 \$49.95



## CLASSIC 5" GLASS 2X MAGNIFIER

Large-sized magnifier for the big-picture view. Made of precision-ground optical-quality glass lens with 2X magnification power. Chrome rim and easy-hold hardwood handle. Great for examining documents, photographs, or collectibles, or as a reading aid.

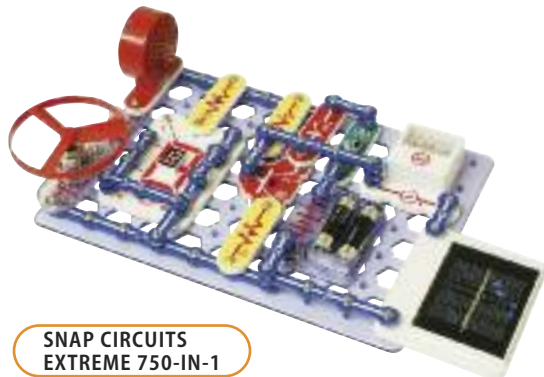
**Classic 2X Glass Magnifier** 921N505 \$39.95



**UBERSTIX UBERARC 1600-PIECE SET**

This complete professional construction kit is great for architects, engineers, students—or anyone who loves to build! Make representations of existing skyscrapers, bridges, and other structures, or create your own designs. Eight foundation plans, with full-scale blueprints, included.

**Uberstix Uberarc 1600-Piece Set 165N109 \$189.95**



**SNAP CIRCUITS EXTREME 750-IN-1**

Electronics is easy and fun to learn with Snap Circuits—you get over 80 parts to build more than 750 experiments. Create exciting projects like radios, digital voice recorders, burglar alarms, doorbells, and more, or play electronic games with your friends. No tools required. Uses 4 AA batteries. *Ages 10+*

**Snap Circuits Extreme 315N022 \$129.95**



**OWI ROBOTIC ARM EDGE**

The Owi Robotic Arm Edge is the ultimate in affordable robotic arm technology, without compromising quality. The gripper opens and closes easily and effortlessly. 100-gram lifting capacity, 120-degree wrist motion, 300-degree elbow range, 270-degree base rotation, vertical reach of 15", and horizontal reach of 12 1/2". Program the arm to move on its own with the interface software! Amazing! *Ages 8+*

**Lower Price!**

OWI Robotic Arm Edge	658N037	\$49.95
USB Interface	658N045	\$34.95



**LITEHAWK HELICOPTER**

The Litehawk helicopter is the ultimate remote flying toy—its lightweight yet crash-resistant metal chassis and gyro-stabilization features make for smooth, effortless flights. Its 2-in-1 remote control is a charger too—simply plug it into your helicopter and the on-board lithium batteries are ready for your next flight. Comes in blue or red. *Ages 8+*

**Litehawk Helicopter 165N136 \$59.95**



**LEONARDO DA VINCI KITS**

These kits are inspired by Leonardo—and now you can be too. Snap-together pieces can be made into four articulated models. No special tools required. Easy-to-follow manuals show you how to put the models together, and tell the tale of Leonardo's genius. Wood-simulated plastic looks realistic and needs no painting.

Leonardo da Vinci Kits – Aerial Screw	315N024	\$19.95
Leonardo da Vinci Kits – Paddleboat	315N029	\$19.95
Leonardo da Vinci Kits – Self-Propelled Cart	315N030	\$19.95
Leonardo da Vinci Kits – Catapult	315N031	\$19.95



**CHEM C1000 BEGINNER CHEMISTRY KIT**

CHEM C1000 is the greatest chemistry class you'll ever take! In this fascinating kit, Professor Probenius will guide you through 75 awe-inspiring experiments. Learn how to build a mini fire extinguisher, make water flow uphill, float a soap-powered boat, and entertain your friends and family with amazing chemistry "magic" tricks. Discover how to identify the elements in different chemical substances with brilliant flame tests. Includes a hefty, brilliantly illustrated colour manual with clearly written instructions for each experiment. *Ages 8+*

**CHEM C1000 Chemistry Kit 880N005 \$99.95**

**CRYSTAL GROWING KITS**

This magical kit lets you grow two crystal clusters, two single gem-like crystals, and two crystal geodes. Dissolve the growing chemicals in hot water, place a rock or geode cast into the solution, and watch them bloom. Fascinating for both adults and kids. Adult supervision required.



Crystal Growing Kit – Citrine & Ruby	441N008	\$29.95
Crystal Growing Kit – Aquamarine & Quartz	441N009	\$29.95
Crystal Growing Kit – Rose Quartz & Emerald	441N010	\$29.95



**130-IN-1 ELECTRONICS KIT**

Learn the basic principles of electricity, electronics, physics, and magnetism with 130 different experiments you can build. Create your own radio, burglar alarm, dimmer switch—even invent your own devices!

**130-in-1 Electronics Kit MX-906 \$89.95**



**POPULAR MECHANICS MOTORWORKS**

Learn how engines work by building a real, working, battery-powered four-cylinder model engine that includes real lights and sound. Watch the spark plugs fire the valves open and closed, and the belt and fans turn. Screwdriver included.

**Motorworks 488N015 \$39.95**



**ROCK TUMBLER CLASSIC**

Turn rough rocks into beautifully polished gemstones and use them to create jewels, charms, earrings, necklaces, key chains, crafts, and more. This single-barrelled rock tumbler includes a tumbling machine with heavy-duty motor, rough semi-precious stones (amethyst, jasper, agate, etc.), grits and polish, and jewellery settings. *Ages 6+*

Rock Tumbler Classic	37873	\$59.95
Rock Tumbler Grit Refills	626N117	\$17.95



**PERPLEXUS**

Perplexus is a 3-D maze game that's fun and challenging for kids of every age. Players shift, flip, and twist their marbles inside the transparent sphere as they try to get to the end of their track first. Compete with others or against the clock. No batteries required. *Ages 6+*

**Perplexus 694N005 \$19.95**

## CLASSIC TOYS

### GYROSCOPE

Unchanged for almost a century and a classic educational toy for generations, the gyroscope continues to fascinate with its tricks of spinning on its pedestal, dancing on a string tightrope and balancing perfectly on the lip of a drinking glass. Discover the amazing, mysterious force that seems to defy gravity.

#### Gyroscope

890N080

\$11.95

### RADIOMETER

Electromagnetic radiation spins the vanes when exposed to sunlight, artificial light, or infrared radiation. Light strikes the sides of the vanes with the black side absorbing more heat than the white side, so it heats faster. Air currents flowing around the vanes' edges perched on the low-friction spindle in the partial vacuum pushes them, causing the "mysterious" spinning.

#### Radiometer

890N184

\$19.95

## HOT PRODUCTS

### USBCELL AA RECHARGEABLE BATTERIES

More than 15 billion alkaline batteries are thrown away each year – a tragic and unnecessary addition to the earth's load of garbage. Switching to just one USBCELL saves an estimated 3 kg of waste and over 7 kg of CO<sub>2</sub>. And these batteries actually outperform alkaline batteries in many high-drain devices. Charge them on any computer, hub, or gaming console.

USBCELL AA Battery 2 Pack

689N010

\$19.95

### SPOTLIGHT RECHARGEABLE MINI LED FLASHLIGHT



Available in Red, Orange, Green, Blue and Black

This mini LED flashlight is always handy because it recharges in your car's lighter slot. More than three hours of light. Water resistant, submersible, and bright – shines up to 150 feet. Only 2" long x 0.85" diameter.

Spotlight Rechargeable LED Light

113N002

\$19.95

### RUBIK'S CUBE WOODEN PUZZLE 30TH-ANNIVERSARY EDITION

The Rubik's Cube is one of the most popular puzzles ever invented. Celebrate its 30th anniversary with this special limited-edition wooden cube, an elegant version of this best-selling puzzle.

Rubiks Cube 30th Anniversary Edition

323N008

\$29.95

### EINSTEIN'S ENSEMBLES

Stick this magnetic Einstein on your fridge and dress him up for a night on the town or a trip to the lab. Quirky conversation piece.

Einstein's Ensembles

939N027

\$16.95

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