

Kid K'NEX Models that Move set (78990)*Age: 3+**270 Kid K'NEX pieces*

This exciting Kid K'NEX set features 13 moving models, 8 of which can be built simultaneously. The building cards included in the set feature:

- ~ Ferris Wheel
- ~ See-Saw
- ~ Swing
- ~ Swing Ride
- ~ Windmill
- ~ Crane
- ~ Racing Car
- ~ Spinning tops
- ~ Puppets
- ~ Pin Wheels
- ~ Gearing

...and as always with Kid K'NEX, children can use their imagination and creativity to devise their own models. Supports 10-12 children.

**K'NEX 3-in-1 Classic Amusement Park building set (17035)***Age: 9-**744 Classic K'NEX pieces*

Celebrate almost 25 years of K'NEX with the 3-in-1 Classic Amusement Park Building Set.

One of the original K'NEX building sets, this set replicates everything that K'NEX stands for.

Printed instructions for the following three motorised models are included:

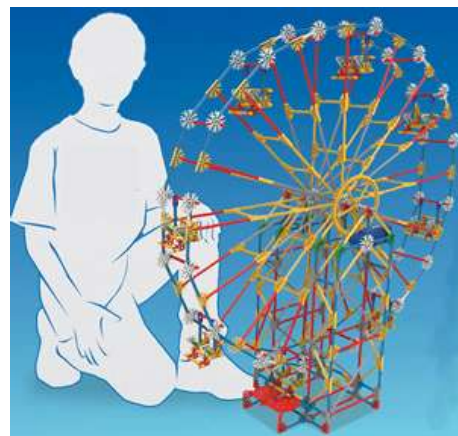
- ~ Ferris wheel nearly 3ft (.87m) high
- ~ Swing Ride
- ~ Boom ride

Models can be built one at a time. Requires 2 "AA" batteries (not included).

This is also an excellent set if you want to build motorised K'NEX models to your own design.

<i>Age with parental help: 7+</i>

New for 2016



K'NEX 52-model building set (13466)*Age: 7+**618 pieces, mostly Classic K'NEX*

This 618-pc set contains instructions for 52 unique models - 1 for each week of the year! The models include:

Alpine newt, Ambulance, Angel fish, Ant, Army tank, Basilisk lizard, Big ladder fire truck, Bomber, Bulldozer, Butterfly, Camel, Cat, Centipede, Chicken, Dinosaur, Dog, Dragonfly, Elephant, Excavator, Fancy rooster, Giraffe, Golf cart, Grasshopper, Green tree snail, Humming bird, Indian Rhinoceros, Lion, Pickup truck, Plane, Praying mantis, Rooster, Sailing boat, School bus, Skyscraper, Small barn, Stag beetle, Steamroller, Stegosaurus, Train engine, Wasp, Windmill, Yellow scorpion.

The instruction book provides building instructions for 10 different models, with detailed instructions for a further 32 models available as online downloads. Images of the final 10 models are shown in the instruction book as "building ideas".

Includes a robust plastic storage tub.

<i>Age with parental help: 6+</i>

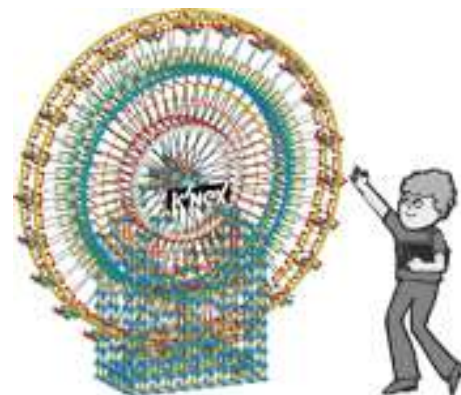
**K'NEX 6 foot Ferris Wheel set (89790)***Age: 16+**8550 Classic K'NEX pieces*

Take on the ultimate K'NEX building challenge with the 6-Foot Ferris Wheel building set!

With 8,550 colourful classic K'NEX parts, this is one of the largest K'NEX building sets of all time - both in piece count, and in height.

Follow the colour-coded instructions to build this towering Ferris Wheel one piece at a time, for hours of building fun. Then switch on the powerful, plug-in motor to bring the ride to life.

Recommended for expert builders ages 16+.



K'NEX 70-model building set (13419)*Age: 7+**705 Classic K'NEX pieces*

Our most popular K'NEX set! Ideal for home or school.

A large chest containing 705 classic K'NEX parts, with instructions to build the following 70 models:

4 wheeler, Airboat, Anchor, ATV, BBQ grill, Boombox, Buoy, Cabana, Camera, Catamaran, Clamming rake, Clamming rake, Cooler, Crab, Dolphin, Fish, Fishing boat, Fishing pole, Go kart, Golf cart, Hammock, Hang glider, Helicopter, High diver, Horse, Hot air balloon, Ice cream cart, Inner tube, Jellyfish, Jet boat, Jet ski, Jungle Gym, Lifeguard stand, Lighthouse, Lobster, Megaphone, Metal detector, Muscle car, Octopus, Pail, Palm tree, Pelican, Pick-up truck, Picnic basket, Picture frame, Rally car, Rescue truck, Rowing boat, RV Camper, Sandcastle, Sea plane, Seagull, Seahorse, Shark, Shovel, Snack shack, Speedboat, Starfish, Stingray, Submarine, Sun chair, Surfer, Swordfish, Treasure chest, Trident, Turtle, Water skier, Waverunner, Whale, Wind surfer.

The instruction book provides building instructions for 15 different models, with detailed instructions for a further 55 models available as three online downloads. And, if you buy your set from us, you can quickly view the instructions for all 70 models a page at a time on your Desktop, Laptop, Tablet or iPhone.

The sturdy storage chest encourages tidying up, and is large enough to store even partially built models.

<i>Age with parental help: 6+</i>

**K'NEX Big Ball Factory building set (52443)***Age: 12+**3152 Classic K'NEX pieces*

Build a classic, nostalgic K'NEX model just like you remember with the 20th Anniversary Big Ball Factory.

After 20 years in the K'NEX vault, we are bringing back this classic model to thrill our most loyal fans.

Over 3,100 Classic K'NEX pieces complete this gigantic ball machine that stands over 1.2m (4 feet) high.

Watch as the 4 balls travel down 5 different paths - which way will the ball go next? Just turn the motor on and watch it go!

Included are easy to follow full-colour instructions. You can even download instructions for a second Large Ferris Wheel model. Models can be built one at a time.

Requires 2 "AA" batteries (not included).

Perfect for advanced builders from 12 to 99.



K'NEX K-8 General construction set (79818)*Age: 7+**1475 Classic K'NEX pieces*

An excellent large general-purpose K'NEX set designed for use in schools and other educational settings.

Also ideal for use at home by K'NEX enthusiasts.

Includes:

- ~ A red tethered battery motor
- ~ A spring motor
- ~ Two large printed instruction books, including instructions to build 80 models, many of them motorised.

Supports up to 12 pupils building simultaneously in teams of 2-3.



K'NEX Robotics building system (79484)*Age: 10-**800 Classic K'NEX pieces*

Build, Program & Control with the K'NEX Robotics building system!
New for 2016/17

This engaging robotics set will be of interest to:

- ~ Primary schools Y5/Y6
- ~ Secondary schools
- ~ Colleges
- ~ Universities
- ~ K'NEX enthusiasts aged 10+

Students can:

- a) build any of the nine fully-functioning models listed below, and then
- b) use the Robotics Programming Software to control those models, in accordance with the Challenge Activities provided.

- ~ Stryder
- ~ Bi-ped robot
- ~ Line tracker
- ~ Dog
- ~ Ball factory
- ~ Basketball game
- ~ Search & Rescue robot
- ~ Aeroplane
- ~ Car bot

The models are capable of measuring distance between objects, detecting sound and light, and responding to touch.

The set includes: Robotics Programming Software, Control Box, 4 motors, push-button sensor, distance sensor, tri-colour LED, colour/light sensor, microphone, speaker, and a downloadable teacher's guide with 5 progressive lesson plans. Suitable for 2-3 students working together.

The Robotics set is also ideal for allowing students to build and control working models to their own design.



K'NEX Son of serpent coaster (52242)*Age: 16+**5500 Classic K'NEX pieces*

In response to overwhelming requests for a large classic-style K'NEX Coaster, K'NEX is celebrating its 20th Anniversary and its fans with the Son of Serpent Coaster.

This HUGE model is built from 5,500 Classic-K'NEX pieces, including rods, connectors, and 16m (53 feet) of original tube-style track.

Measuring 2.4m x 1.5m x 1.8m (8ft x 5ft x 6ft) and including three K'NEX motors and speakers for your MP3 player, this enormous coaster sends five sleek cars filled with K'NEXmen figures hurtling down the track, around tight curves, and through gravity-defying loops.

Intended for serious builders, the Son of Serpent coaster is an unforgettable way to celebrate your passion for roller coasters and classic K'NEX building sets.

Requires 2 "AA" batteries (not included).



K'NEX DNA, Replication and Transcription set (78780)*Age: 14+**521 Classic K'NEX pieces*

A specialised K'NEX curriculum set that allows students to build DNA and mRNA molecules, and learn about phosphate groups, deoxyribose sugars, colour-coded hydrogen bonds, four codons and colour-coded nucleotides. Builds 7 different models from instructions, one at a time, namely: Basic DNA molecule, Basic double helix, Flexible double helix, DNA replication, Daughter double helix, Large DNA molecule/double helix, DNA transcription.

Supports 2-4 students working as a team. Suitable KS4, FE, HE. Includes a 44-page Guide which contains a wealth of information for teachers and educators on DNA, Replication & Transcription, and 7 comprehensive lesson plans.

**K'NEX Elementary maths and geometry set (78720)***Age: 5+**142 Classic K'NEX pieces*

A K'NEX curriculum set that helps younger pupils learn about numbers, shapes and symmetry. Builds 44 models from instructions, including squares, rectangles, trapezoids, rhombi, prisms, triangles and quadrilaterals.

Includes 50-page Curriculum guide on CDROM. Supports 2-4 pupils working as a team.



K'NEX Exploring Wind and Water energy set (77051)*Age: 9+**288 Classic K'NEX pieces*

Go green and bring science to life with the fascinating K'NEX Exploring Wind & Water Energy Set.

Learn how to convert wind and water power into electricity, to drive working K'NEX models.

Builds seven renewable energy models:

- ~ Windmill
- ~ Shuttle ride
- ~ Sail car
- ~ Wind powered water lift
- ~ Hydroelectric generator
- ~ Hydro Car
- ~ Grist Mill

Comprehensive instruction book and teacher's guide. Packaged in a strong storage tub with snap-on lid.

Designed to address key science, technology and engineering concepts in the classroom, and provide instructional models that will enhance students' understanding of these important concepts.

The lessons provided in the teacher's guide enable you to offer students a program of study that uses hands-on exploration in conjunction with an engaging inquiry-based approach to learning. As students work cooperatively they are encouraged to work together as they build, investigate, discuss and evaluate concepts, ideas and designs.

STEM (Science, Technology, Engineering and Mathematics) Education focuses on concepts taught through problem-solving, discovery, exploratory learning and critical thinking. STEM Education requires students to be active participants in the learning. K'NEX models offer hands-on learning opportunities that encourage scientific inquiry, investigation and experimentation. Our inquiry-based lessons challenge students as they build, investigate, problem solve, discuss, and evaluate scientific and design principles in action.

Supports 2 students.



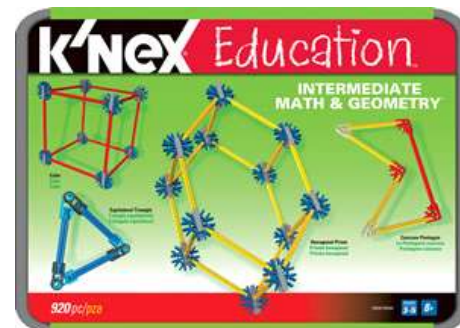
K'NEX Intermediate maths set (79028)*Age: 8+**920 Classic K'NEX pieces*

A K'NEX curriculum set that helps pupils to develop maths skills through active, constructive learning.

Builds 28 models from colour transparency and black line master activity cards.

Educator's Guide. Supports up to 12 students working in pairs. Key Concepts:

- ~ 2-dimensional shapes and shared attributes
- ~ 3-dimensional shapes
- ~ Lines and Line segments
- ~ Rays and angles
- ~ Congruence and similarity
- ~ Symmetry and position
- ~ Sequencing and patterning
- ~ Rounding and estimating
- ~ Comparing fractions

**K'NEX Intro To Simple Machines: Gears set (78630)***Age: 8+**198 Classic K'NEX pieces*

A fascinating K'NEX set allowing 7 different geared models to be built - Fan, Car window, Blender, Phonograph, Eggbeater, Stationery bike and Chainsaw.

When used at school or college, enables teachers help their students to understand the principles of gears. Supports 2-4 students working as a team.

Includes 51-page teacher's guide on CDROM, which contains a wealth of information on gears and 5 comprehensive lesson plans.

**K'NEX Intro To Simple Machines: Levers & Pulleys set (7861)***Age: 8+**178 Classic K'NEX pieces*

K'NEX set allowing 8 different models based on levers and/or pulleys to be built - Seesaw, Balance, Wheelbarrow, Hockey stick, Scissors, Flag pole, Yacht and Block & Tackle.

When used at school, enables teachers to help their pupils to understand the principles of levers and pulleys. Supports 2-4 pupils working as a team.

Includes 61-page teacher's guide on CDROM, which contains a wealth of information on Levers & Pulleys and 9 comprehensive lesson plans.



K'NEX Intro To Simple Machines: Wheels & Axles set (7862)*Age: 8+**221 Classic K'NEX pieces*

K'NEX set allowing 7 different models based on wheels, axles and inclined planes to be built - Well, Paddleboat, Steering wheel, Steep ramp, Long ramp, Wedge and Hand drill.

When used at school, enables teachers to help their pupils to understand the principles of wheels, axles and inclined planes. Supports 2-4 pupils working as a team.

Includes 48-page teacher's guide on CDROM, which contains a wealth of information on Wheels & Axles and 7 comprehensive lesson plans.

**K'NEX Intro To Structures: Bridges set (78640)***Age: 8+**207 Classic K'NEX pieces*

Build 13 different bridges, at home, school or college.

All the bridge models in the instruction book are based on real-life bridge types, including Truss, Beam, Cantilever, Bascule, Arch, Suspension and Cable-stayed bridges. You can also build bridges to your own design.

When used at school or college, enables teachers help their students to understand the principles of bridges and structures. Supports 2-4 students working as a team.

Includes 76-page teacher's guide on CDROM, which contains a wealth of information on bridges and 10 comprehensive lesson plans.



K'NEX Investigating Solar Energy set (77075)*Age: 9+**128 Classic K'NEX pieces*

Go green and bring science to life with the amazing K'NEX Investigating Solar Energy set.

Learn how to convert the energy of the sun into electricity, to power working K'NEX models.

Builds three renewable energy models:

- ~ solar car
- ~ solar crank man
- ~ solar shuttle ride

Includes 128 K'NEX parts, including a solar panel and motor, capacitor and 5 gear wheels.

Comprehensive instruction book and teacher's guide. Packaged in a strong storage tub with snap-on lid.

Teacher's guide provides a program of study that uses hands-on exploration in conjunction with an engaging inquiry-based approach to learning. Students are encouraged to build, investigate, and evaluate concepts, ideas and designs.

STEM (Science, Technology, Engineering and Mathematics) Education focuses on concepts taught through problem-solving, discovery, exploratory learning and critical thinking. STEM Education requires students to be active participants in the learning. K'NEX models offer hands-on learning opportunities that encourage scientific inquiry, investigation and experimentation. Our inquiry-based lessons challenge students as they build, investigate, problem solve, discuss, and evaluate scientific and design principles in action.

Supports 2 students.



K'NEX Roller coaster Education set (77078)*Age: 8+**500 mainly Micro K'NEX pieces*

Explore STEM concepts while building a working Roller Coaster!

Using the materials included in this set, pupils will be engaged and energized as they further their knowledge and understanding of the science, technology, engineering and maths (STEM) concepts associated with a real-life amusement park ride.

The set includes 500 parts plus a battery-powered motor for a single pupil (or team of 2-3 children) to build a working Roller Coaster, plus two additional models: a Ramp and a Half-Pipe. Each model can be built one at a time.

Once built, a downloadable booklet guides students through 3 hands-on, inquiry-based experiments on each of the models. Students will learn about the relationship between time, distance and speed plus much more!

Requires 2 "AA" batteries, not included.

New for 2016



K'NEX Simple and Compound machines set (77053)*Age: 9+**352 Classic K'NEX pieces*

The K'NEX Simple and Compound Machines building set helps children to develop their understanding of how machines work.

The set includes 352 K'NEX parts – enough to build 16 fully-functioning replicas of real-world machines, one at a time:

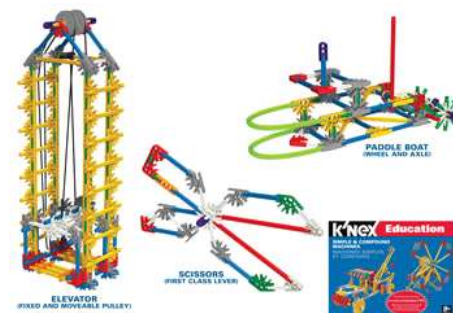
- ~ Hammer
- ~ Balance
- ~ Nutcracker
- ~ Tow Truck
- ~ Block & Tackle
- ~ Elevator
- ~ Screwdriver
- ~ Paddle Wheel Boat
- ~ Sawmill
- ~ Dump Truck
- ~ Archimedes' Screw
- ~ Conveyor Belt
- ~ Rack & Pinion
- ~ Crank Fan
- ~ Carousel
- ~ Transmission

Comprehensive instruction book and teacher's guide. Packaged in a strong storage tub with snap-on lid.

The Teacher's guide includes Student Inquiry Sheets and Worksheets for the models highlighted. Student Worksheets ask questions about the machine being investigated and present challenges that can be used to help students think more deeply about the concepts involved.

STEM (Science, Technology, Engineering and Mathematics) Education focuses on concepts taught through problem-solving, discovery, exploratory learning and critical thinking. STEM Education requires students to be active participants in the learning. K'NEX models offer hands-on learning opportunities that encourage scientific inquiry, investigation and experimentation. Our inquiry-based lessons challenge students as they build, investigate, problem solve, discuss, and evaluate scientific and design principles in action.

Supports 2 students.



K'NEX Swing ride Education set (77077)*Age: 8+**470 Classic & Micro K'NEX pieces*

Explore STEM concepts while building a motorized Swing Ride!

Using the materials included in this set, pupils will be engaged and energized as they further their knowledge and understanding of the science, technology, engineering and maths (STEM) concepts associated with a real-life amusement park ride.

The set includes 470 parts plus a battery-powered motor for a single pupil (or team of 2-3 pupils) to build a working Swing Ride, plus two additional models: a Ferris Wheel and a Boom Ride. Each model can be built one at a time.

Once built, a downloadable booklet guides students through 3 hands-on, inquiry-based experiments on each of the models. Students will learn about how mass affects speed, how to gear-up and gear down, and much more!

Requires 2 "AA" batteries, not included.

New for 2016



K'NEX Amusement Park Experience (78890)*Age: 9+**2264 Classic K'NEX pieces*

Fascinating K'NEX set that can build 13 different amusement park rides, including a large Roller Coaster.

Sufficient pieces to build two fairground ride models at the same time, or one Roller Coaster plus one fairground ride.

90-page teacher's guide. Includes 2 blue battery motors. Supports 8 students.

**K'NEX Building simple machines class set (79008)***Age: 8+**2176 Classic K'NEX pieces*

Bring the excitement of STEM to your students with this Classroom Simple Machines Set.

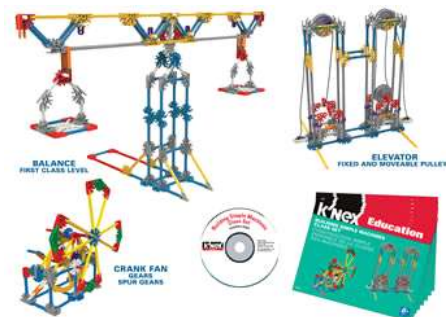
Introduce students to the scientific concepts associated with simple machines - Levers, Pulleys, Wheel & Axles, Inclined Planes, Gears, Wedges, Screws.

Builds 15 fully-functioning simple machines models, 8 of each simultaneously.

Includes full-colour building instructions, and a comprehensive teacher's guide that provides the information and resources needed to build students' understanding of scientific concepts, and channel their inquiries into active and meaningful learning experiences.

Key Concepts: Effort, Effort Arm, Resistance, Resistance Arm, Fulcrum, Wheel & Axle, Lever Classes, Block & Tackle, Friction, Gear Ratio, Force, Fixed/Moveable, Mechanical Advantage, Work, Load, Gear Systems, Inclined Plane/Wedge/Screw, Geared Up, Geared Down.

Packaged in a large tub with snap-on lid. Supports 16 - 24 students working in teams of 2 or 3.



K'NEX Computer Control set (79017PK)*Age: 8+**699 classic K'NEX pieces*

Dynamic STEM set challenges students to build and control K'NEX models using the K'NEX Computer Control interface.

Students write programs to control on-screen K'NEX models using the software included, then download them into the interface's memory and use them to operate student-built K'NEX models.

Build 5 K'NEX models, one at a time. Models are fully functioning replicas of real-world machines and include a Sliding Door, Elevator, Opening Bridge, Oscillating Fan and Super Spinner Ride.

Key Concepts include Design Process/Engineering Design Process, Systems and Organization, Communication of Mathematical thinking, Forces, Energy & Motion, Troubleshooting and optimization, Exploratory learning and more.

Compatible with interactive whiteboards. PC Compatible.

Set contains K'NEX Computer Control Interface and software, 2 motors, 3 LEDs, 1 Buzzer, 2 Push Button Switches, 2 Reed Switch, 4 Magnets, building instructions, student challenges and teacher's guide.

**K'NEX Discover Control set (79013PK)***Age: 6+**336 classic K'NEX pieces*

STEM concepts come to life as students build and control K'NEX models using the K'NEX Discover Control Box.

The control box is an intelligent box that can remember the order and duration in which switches are pressed, and the time between the presses, then play back from memory. Stores up to 64 actions and allows for multiple outputs (motors, LEDs, buzzer) to be controlled simultaneously.

Build 5 K'NEX models, one at a time. Models are fully functioning replicas of exciting real-world amusement park themed models and include Gateway, Spinning Carpet Ride, Double Ferris Wheel, Swing Ride and a Tramcar.

Includes Discover Control box, mains adaptor, 2 motors, 2 LEDs, 1 Buzzer, building instructions, student challenges and teacher's guide.

A major advantage of the Discover Control box is that it does NOT require a computer for its operation, as all functionality is controlled via the switches on the control box. However, PC-compatible software is provided in the set, which allows students to simulate the operation of the control box on their computer.



K'NEX Energy, Motion & Aeronautics set (79621)*Age: 10+**1430 Classic K'NEX pieces*

This exciting set helps students learn about real-world concepts and principles in the continually expanding field of engineering. Developed in partnership with the NASTAR (National AeroSpace Training and Research) Center, the realistic and fun models allow three groups of students to simultaneously explore Newton's Laws, mechanical systems, projectile motion, airplane flight surfaces, aeronautic and aerospace training devices, parachute technology, optical illusions, and much more.

The comprehensive teacher's guide includes lesson plans, background information, teacher notes and reproducible worksheets.

Builds 9 models, three at a time. Supports up to three groups of 2 - 3 students working in teams.

**K'NEX Exploring machines set (78600)***Age: 11+**1432 Classic K'NEX pieces*

K'NEX set for students aged 11+ that will help them to understand how machines work.

Includes instructions for 30 models, including Stapler, Rowing boat, Fishing rod, Grand piano, Garage door, Crane, Spiral staircase, Eggbeater, Balance, Block & Tackle, Paddleboat, Sawmill, Conveyor belt, Rack & pinion, Cranked fan and an amazing Gearbox. Any four models can be built simultaneously.

Comprehensive Teacher's Guide. Supports up to 12 pupils.

**K'NEX Forces, Energy and Motion set (78790)***Age: 11+**442 Classic K'NEX pieces*

The Forces, Energy & Motion set offers an exciting, hands-on opportunity to explore fundamental physical science concepts.

Includes 2 blue battery motors, 2 flywheel motors, and 4 transparent spring motors. Instructions to build 11 models; 4 of most can be build simultaneously.

Comprehensive teacher's guide with 7 enquiry-based lesson plans.

Key Concepts: Potential Energy (Gravitational & Elastic) ~ Speed/Velocity ~ Kinetic Energy ~ Friction ~ Inertia ~ Motion ~ Force.

Models included: Tank Roller ~ Short Rubber Band Racer ~ Rubber Band Racer with Mass Holder ~ Wind Powered Vehicle ~ Pull String Flywheel Racer ~ Three Battery Powered Racers (Direct Drive, Geared Up, and Geared Down) ~ Three Spring Powered Vehicles (Spring Racer, Spring Racer with Mass Holder and Spring Powered Trike)

Supports 8-12 students working in groups of 2-3.



K'NEX Real bridge building set (78680)*Age: 10+**2282 Classic K'NEX pieces*

Superb large K'NEX set that builds 1.5m (5 foot) long replicas of seven famous bridges, including:

- ~ Tower Bridge in London
- ~ Firth of Forth Bridge in Scotland
- ~ Golden Gate Bridge in San Francisco
- ~ Sydney Harbour Bridge in Australia
- ~ Chesapeake bridge in Maryland, USA
- ~ Dames point bridge in Florida, USA
- ~ Astoria bridge in Oregon, USA

Teacher's guide includes characteristics of each bridge type, investigative activities and building challenges.

Supports 6-8 students working in teams of 3-4.

**K'NEX Renewable Energy and Solar Power set (78976)***Age: 11+**583 Classic K'NEX pieces*

An exciting K'NEX set for exploring renewable energy, including solar power.

Allows students to compare and contrast the power and efficiency that can be realized from wind, solar, and water-powered machines. Three groups of students can work simultaneously on projects of real-life significance as they learn about issues and concepts that will impact upon their future.

Set includes:

- ~ A 1.38v 500mA solar panel, 3 motors and power cords, and a capacitor for energy storage
- ~ Building instructions to build 9 curriculum-related models (3 models at a time)
- ~ Comprehensive teacher's guide with enquiry-based lesson plans and background information

**K'NEX Roller Coaster Physics set (78880)***Age: 10+**2037 Classic K'NEX pieces*

Large classic K'NEX roller coaster set, which builds 11 different designs including:

- ~ 2 Large roller coasters (with and without loop)
- ~ 3 Half pipes (for car and ball)
- ~ 3 Inclined plane systems (for car and ball)
- ~ 2 Inclined planes (with loop)

Build two large models simultaneously. Investigate all aspects of velocity, kinetic and potential energy, work, etc.

Full colour instruction book plus extra designs on CDROM. 75-page teacher's guide containing 9 physics lesson plans. Supports 8 students.



K'NEX Simple machines deluxe set/Big Ball Factory (79520)*Age: 8+**3447 Classic K'NEX pieces*

A huge K'NEX set, designed for use as a general-purpose K'NEX resource for schools and colleges. Supports 20-30 students working in teams of 2-3. Includes:

- ~ a mains-powered 12v motor
- ~ instructions to build a science fair model, the 4' tall Big Ball Factory
- ~ 5 teacher's guides (Levers, Pulleys, Gears, Wheel & Axles, Inclined Planes), with instructions to build the following 57 models:

Pulleys: Pulley stand – fixed pulley, Pulley stand – moveable pulley, Pulley stand – combination pulley, Flagpole, Sailing boat, Clothes line, Elevator, Block and Tackle, Crane

Levers: Balance, See-saw, Second class lifter, Third class lifter, Catapult, Handcart, Rowing boat, Scissors, Door, Wheelbarrow, Fishing Rod, Hammer, Tweezers, Lever mobile, Rubber band scale

Gears: Spur gears, Bicycle gears, Crown gear, Rack and pinion, Worm and worm gear, Planetary gear, Simple transmission, Car window, Lawnmower, Egg beater, Food mixer, Axle and axle with differential, Clock

Inclined planes: Roller coaster ramps, Moving truck, Splitting wedge, Chisel, Axe, Hand drill, Archimedes screw, Propeller, Playground ride

Wheels and axles: Spinner, Wishing well, Wrench, Screwdriver, Ferris wheel, Water wheel, Paddlewheel boat, Windmill, Measuring wheel, Wagon, Carousel

Available only in the UK at present. Delivery takes approximately 4 weeks.



Kid K'NEX Classroom set (78690)*Age: 3+**225 Kid K'NEX pieces including bricks*

A large Kid K'NEX set that includes Kid K'NEX bricks. 23 different models can be built from colourful pattern cards, and children also love building models to their own design.

When used in school, supports 10-12 children.

**Kid K'NEX Group set (78750)***Age: 3+**131 Kid K'NEX pieces*

An ideal Kid K'NEX set for the home, nurseries, primary schools, clubs and family learning. 8 different models can be built from colourful pattern cards, and children also love building models to their own design.

Includes 10 eyes and 2 ears/wings. When used in school, suitable for 6-8 children in Early Years or KS1.

**Kid K'NEX Organisms and Lifecycles set (79580)***Age: 3+**198 Kid K'NEX pieces*

Bring the excitement of Kid K'NEX to the classroom with this fun and engaging life science set.

Big, bright and colourful Kid K'NEX pieces, lots of eyes, and more provides young learners with the motivation to build, role-play, and learn.

Set includes eyes, fins, tentacles and beaks, plus eight two-sided 1:1 correspondence building cards perfect for young learners and a Kid K'NEX Food Web Poster. Build up to 14 of the 18 models shown on the building cards at the same time.

The perfect addition to support science, nature, life cycle, or creature unit.



Kid K'NEX Transportation set (78830)*Age: 3+**229 Kid K'NEX pieces*

A large Kid K'NEX set that includes wheels for making a range of vehicles, including cars and diggers. Good for home, nursery, school and family learning.

Builds 9 models from full colour building cards.

Includes 20 truck wheels and 16 small wheels. When used in school, supports 8-10 children.



Kid K'NEX Billy Whizz set (60049)*Age: 3+**18 Kid K'NEX pieces*

Each mini set consists of a bag containing the parts needed to build the "Billy Whizz" model shown in the photo. Attached to the bag is a label showing how to assemble the model.

Eye colours may vary.

**Kid K'NEX Racer set (60054)***Age: 3+**11 Kid K'NEX pieces*

Each mini set consists of a bag containing the parts needed to build the "Racer" model shown in the photo.

Attached to the bag is a label with a black and white photo showing how to assemble the model.



K'NEX 70+10 model MOTORISED kit (13419M)*Age: 7+**705 + 71 Classic K'NEX pieces*

This unique set is ideal for home or school. The set includes:

- ~ all 705 parts from a classic K'NEX 70-model set
- ~ 71 bonus parts including a K'NEX Battery motor
- ~ Online instructions to build 10 motorised models - Brontosaurus, Car, Dune buggy, Fairground ride, Fan, Flapping bird, Rescue truck, Radio telescope, T Rex and Walking scorpion
- ~ Instructions to build the following non-motorised 70 models:

4 wheeler, Airboat, Anchor, ATV, BBQ grill, Boombox, Buoy, Cabana, Camera, Catamaran, Clamming rake, Clamming rake, Cooler, Crab, Dolphin, Fish, Fishing boat, Fishing pole, Go kart, Golf cart, Hammock, Hang glider, Helicopter, High diver, Horse, Hot air balloon, Ice cream cart, Inner tube, Jellyfish, Jet boat, Jet ski, Jungle Gym, Lifeguard stand, Lighthouse, Lobster, Megaphone, Metal detector, Muscle car, Octopus, Pail, Palm tree, Pelican, Pick-up truck, Picnic basket, Picture frame, Rally car, Rescue truck, Rowing boat, RV Camper, Sandcastle, Sea plane, Seagull, Seahorse, Shark, Shovel, Snack shack, Speedboat, Starfish, Stingray, Submarine, Sun chair, Surfer, Swordfish, Treasure chest, Trident, Turtle, Water skier, Waverunner, Whale, Wind surfer.

The instruction book provides building instructions for 15 different models. Comprehensive building instructions can be viewed online a page at a time for a further 60 models, and instructions for the remaining 5 models may be viewed online from photographs.

Please note that the set is shipped in a cardboard box only, not in the green storage chest which comes with the 70-model set.

The set also offers a comprehensive set of parts with which to design and build your own K'NEX models.

Only available from the K'NEX User Group.



K'NEX Catapulted Dragster kit (60086)*Age: 7+**83 Classic K'NEX pieces*

Launched by rubber band power, this stylish K'NEX dragster will disappear into the distance before you can say "Hold on tight" to the driver!

And extra parts are provided, so that you can:

- ~ test your dragster (to destruction if you like!), and then
- ~ design and build a new dragster, which is even faster and/or stronger and/or better looking

Supplied as a kit of parts, in a polythene bag only, with online assembly instructions based on photos.

This approach ensures that the kit cost can be kept as low as possible.

**K'NEX Motor Add-on pack for 50- or 70-model set (60082)***Age: 7+**71 Classic K'NEX pieces*

Do you already own a K'NEX 50-model set (71941/12211) or a K'NEX 70-model set (13419)?

If so, why not buy our exciting Motor Add-on pack, and build 10 motorised K'NEX models?

The pack contains 71 bonus parts, including a K'NEX Battery motor, plus online instructions to build 10 motorised models:

- ~ Brontosaurus
- ~ Car
- ~ Dune buggy
- ~ Fairground ride
- ~ Fan
- ~ Flapping bird
- ~ Radio telescope
- ~ Rescue truck
- ~ T Rex
- ~ Walking scorpion

Step-by-step instructions can be downloaded for 5 of the above models, and instructions for the other 5 models may be viewed online.

The Add-on pack together with the 50-model or 70-model set also provide a comprehensive set of parts with which to design and build your own K'NEX models.

Only available from the K'NEX User Group.



K'NEX Sample set (60040)*Age: 7+**20 Classic K'NEX pieces*

The K'NEX Sample set can be used to build three different models, a swing, a roundabout and a seesaw.

The set is ideal for:

1. teaching first time users of any age about K'NEX
2. ice-breaking and team-building exercises for adults or children

Each set is flat-packed in a clear plastic CD wallet, together with a 4-page full colour instruction booklet.

**K'NEX Sports Stadium kit (60073)***Age: 7+**556 Classic K'NEX pieces*

If you've been watching recent sporting events such as the Euro 2016 football championship, you have probably been impressed by the different sports stadiums that you saw.

Now you can build your own K'NEX sports stadium, which stands an impressive 1 metre long, 86cm wide and 34cm high (41" x 33" x 13").

The model is supplied as a kit of parts in plastic bags, with online assembly instructions based on photos. This approach ensures that the kit cost can be kept as low as possible. Younger children may need help building this large K'NEX model.

The set also provides an excellent mix of parts for building other big structural K'NEX models, such as the 3.5 metre bridge and 3.4m tower shown below.

