



WHY K'NEX®

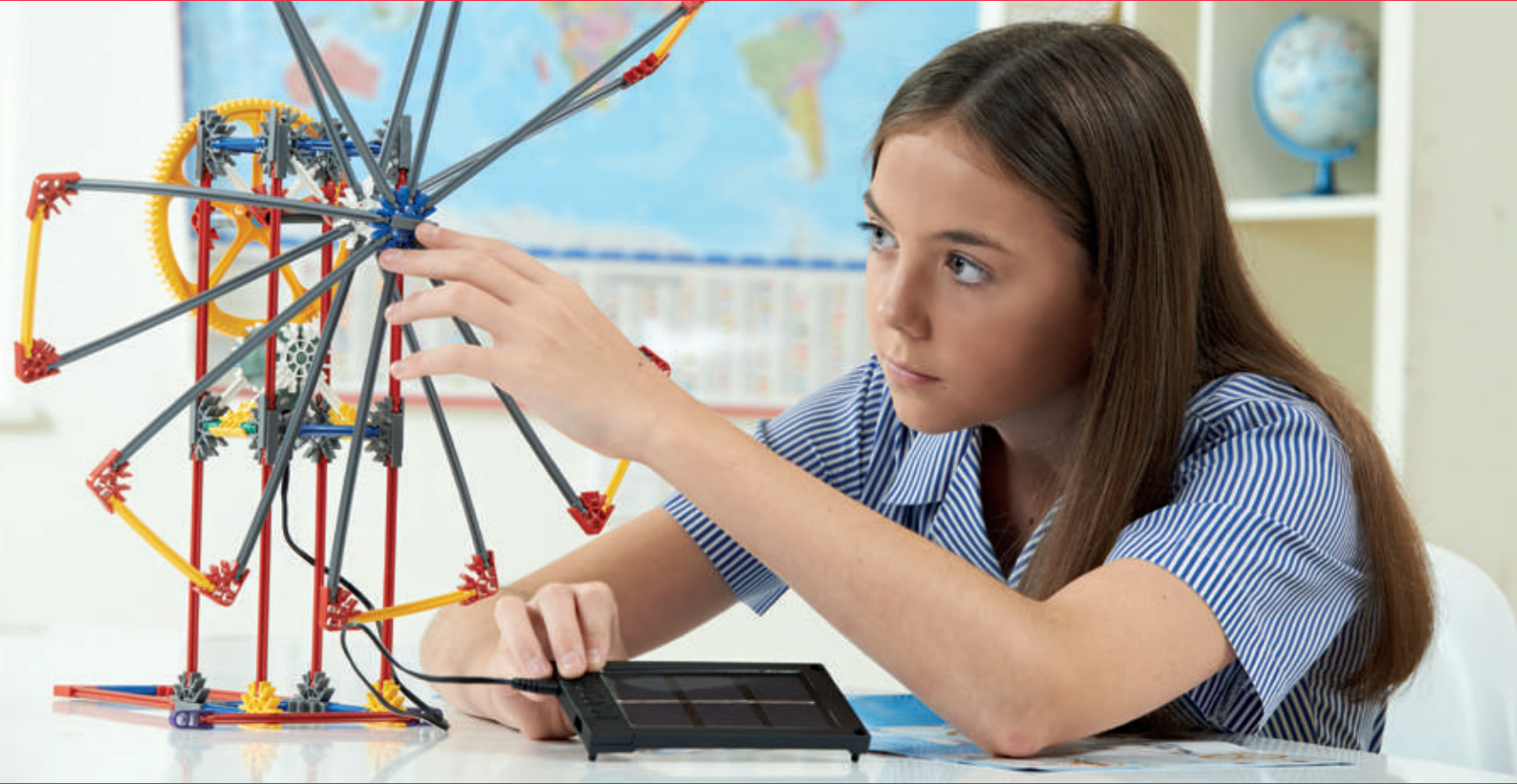
The K'NEX Education® range has been designed to maximize pupil engagement in today's busy classroom.

Sets have been designed for school use and teach today's young Scientists and Engineers key science, technology, engineering and maths concepts by constructing real world models.

Each product in the K'NEX Education line comes with a comprehensive Teacher's Guide, with lesson plan and extension activities.

Easy to follow, colour coded instructions make it possible for pupils to work independently or in groups

VISIT
WWW.KNEXEDUCATION.CO.UK
FOR MORE



FEATURES AND BENEFITS

DYNAMIC MODELS

Engage, excite and motivate pupils to learn. Encourage scientific inquiry, investigation, and experimentation through active participation.

REPLICAS OF REAL WORLD MACHINES/STRUCTURES

Help students to relate concepts to the world they live in.

EDUCATION STANDARDS ALIGNMENTS

Aligned to National Science, Technology, Engineering and Maths curriculum.

ENQUIRY BASED CURRICULUM

Challenges students to apply problem solving and troubleshooting techniques.

ROBUST AND EASY STORAGE

Easily constructed and deconstructed within lesson timings and compact to store.

ENVIRONMENTALLY FRIENDLY POLICY

During our manufacturing process, 100% of our materials are recycled.

	EARLY YEARS			PRIMARY							SECONDARY						
AGE	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
SCHOOL YEAR		RECEPTION	1	2	3	4	5	6	7	8	9	10	11	12	13		
KEY STAGE		KS1				KS2					KS3				KS4		KS5
KID K'NEX	GROUP SET																
	CLASSROOM COLLECTION																
	ORGANISMS & LIFECYCLES																
	TRANSPORTATION																
K'NEX CONSTRUCTION			K8 CONSTRUCTION														
			52 MODEL/70 MODEL/35 MODEL TUBS														
MATHS & GEOMETRY				ELEMENTARY MATHS & GEOMETRY			INTERMEDIATE MATHS & GEOMETRY										
INTRODUCING MACHINES						INTRODUCTION TO LEVERS & PULLEYS											
						INTRODUCTION TO WHEELS, AXLES & INCLINED PLANES											
						INTRODUCTION TO GEARS											
						SIMPLE MACHINES CLASS SET											
						SIMPLE MACHINES DELUXE											
							EXPLORING MACHINES										
INTRODUCING STRUCTURES						SIMPLE AND COMPOUND MACHINES											
						INTRODUCTION TO BRIDGES											
ENERGY AND FORCES							REAL BRIDGE BUILDING										
							EXPLORING WIND & WATER ENERGY										
							INVESTIGATING SOLAR ENERGY										
							RENEWABLE ENERGY										
							FORCES, ENERGY & MOTION										
							ENERGY, MOTION & AERONAUTICS										
AMUSEMENT PARK PHYSICS						STEM EXPLORATIONS SWING RIDE											
						STEM EXPLORATIONS ROLLER COASTER											
							AMUSEMENT PARK EXPERIENCE										
LIFE SCIENCES								DNA REPLICATION AND TRANSCRIPTION SET									
														ROLLER COASTER PHYSICS			

The KID K'NEX range has big, soft chunky pieces, and can be used by children with varying manipulative skills.

Models are easily assembled, stay together during play and can be quickly dismantled and stored in sturdy snap on lid tubs.

Vibrant colours and component designs appeal to both boys and girls and reinforces colour and shape recognition, sorting and patterning problem solving skills.

GROUP SET

ITEM NO. 78750



- 3+ YEARS
- 8 MODELS
- 8-10 STUDENTS
- 131 PIECES

- Builds eight models, four at a time
- Suitable for small groups of eight to ten children building simultaneously
- Set includes 131 KID K'NEX parts, including eyes, ears and wings.

KEY CONCEPTS

- Colour and shape recognition
- Sorting and patterning skills
- Encourages manual dexterity and fine motor skills



DOG



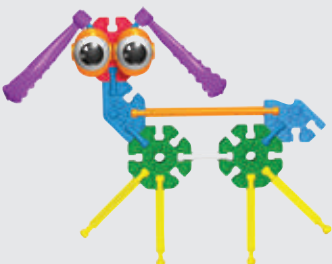
FIREFLY



SPIDER



LAMB



ITEM NO. 78690A

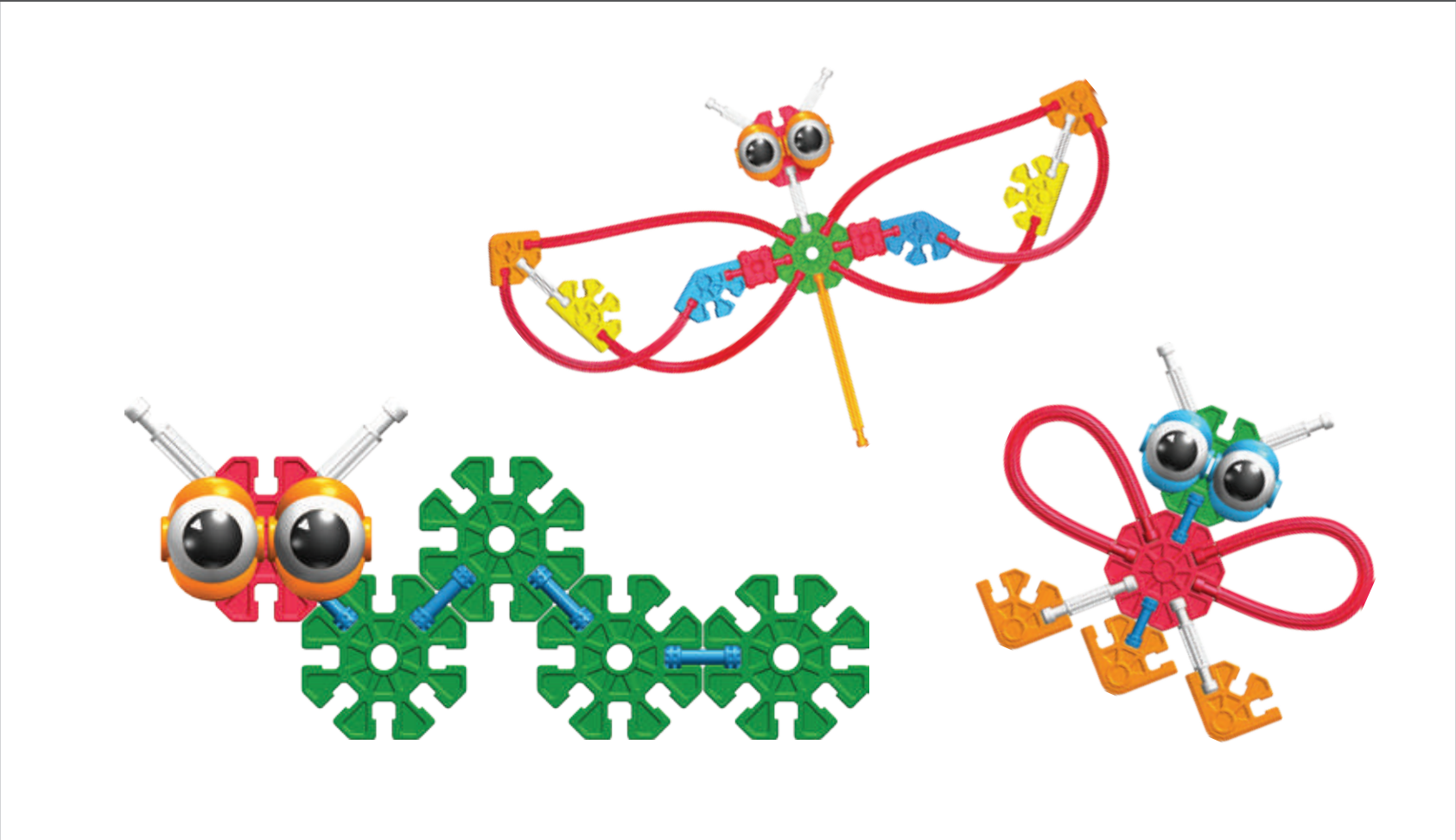
CLASSROOM COLLECTION

- 3+ YEARS
- 23 MODELS
- 8-10 STUDENTS
- 267 PIECES

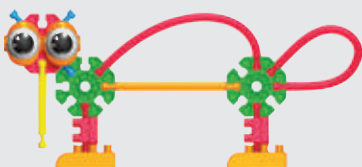
- Builds 23 models, eight at a time
- 1:1 correspondence cards to aid building
- Supports eight to ten children building simultaneously
- Includes 267 KID K'NEX pieces and blocks

KEY CONCEPTS

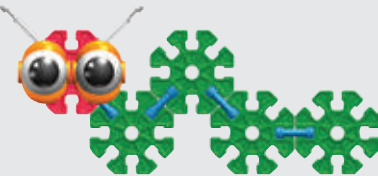
- Colour recognition
- Stacking sorting and sequencing
- Pattern recognition and copying
- Fine Motor Skill Development & Practice
- Characters and Props for role play



BEAVER



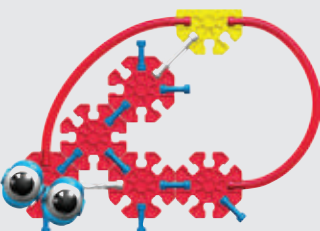
CATERPILLAR



ELEPHANT



LADYBIRD



- 3+ YEARS
- 18 MODELS
- 14 STUDENTS
- 198 PIECES

- Builds 18 models, 14 simultaneously
- Includes 198 KID K'NEX rods, connectors, fins, tentacles, beaks and eyes
- Includes eight 2-sided 1:1 correspondence cards

KEY CONCEPTS

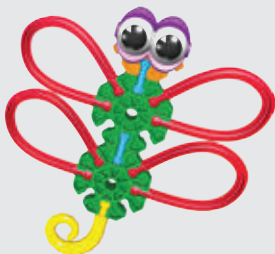
- Characteristics of Organisms
- Sorting and Sequencing
- Environments
- Food Chains and Food Webs
- Fine motor skills



BIRD



DRAGONFLY



FLOWER



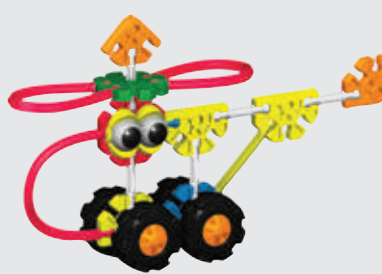
MOUSE



DUNE BUGGY



HELICOPTER



SAILBOAT



TOW TRUCK



- 3+ YEARS
- 13 MODELS
- 8-10 STUDENTS
- 229 PIECES

- Builds 13 models, nine simultaneously
- 1:1 correspondence cards to aid child's building of exciting vehicles
- Supports eight to ten children building simultaneously
- Includes 229 KID K'NEX pieces, including 36 wheels, ten of which are 'super sized' and six are truck wheels

KEY CONCEPTS

- Colour and shape recognition
- Sorting and sequencing
- Encourages manual dexterity and fine motor skills

CONSTRUCTION

Children of all ages love to build...

Whether free form or following instructions K'NEX construction sets allow students to build and power models, helping them understand how they work.

MOTOR PACK

ITEM NO. 78910

Add more motors to your sets and bring them to life with this pack of two battery operated motors.



K8 CONSTRUCTION SET

ITEM NO. 79818



RACING CAR

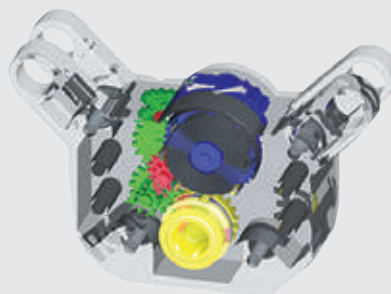
BATTERY POWERED MOTOR



FERRIS WHEEL

SET SPRING MOTOR

HELICOPTER



CONSTRUCTION

- + 5+ YEARS
- 80 MODELS
- 8-12 STUDENTS
- 1313 PIECES

- Includes two colour coded instruction books to build 80 models
- Builds eight dynamic motorised creations
- Packaged in two strong, stackable storage trays with snap on lids.
- Contains 1313 K'NEX Rods and Connectors, one spring motor and a power pack motor.
- Supports up to 12 students building simultaneously in teams of two to three

KEY CONCEPTS

- Understanding how structures are made
- How to change and improve design of models
- Impact of materials on the robustness of structures
- Velocity and movement of vehicles



INTRODUCING MACHINES

When teaching design and technology or key areas of the science curriculum, it is important to allow students to explore how structures and machines around them work.

Many students accelerate their learning through hands on exploration and experimentation. The K'NEX Introduction to Machines range allows students to explore diverse areas of the curriculum from Mechanical Advantage to how products can be designed to make working lives easier.

SIMPLE MACHINES DELUXE

ITEM NO. 79565



CAROUSEL

CRANE

LAWN MOWER

BICYCLE GEARS

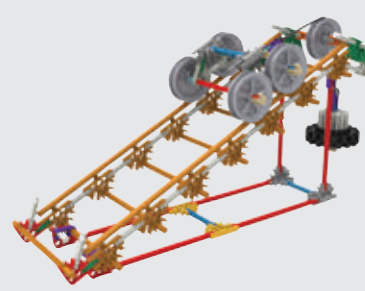
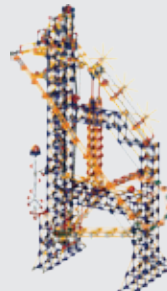
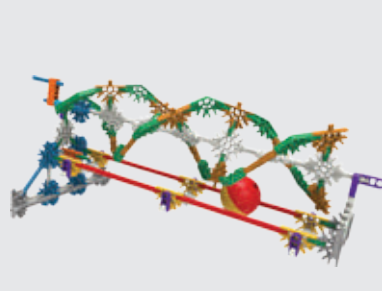
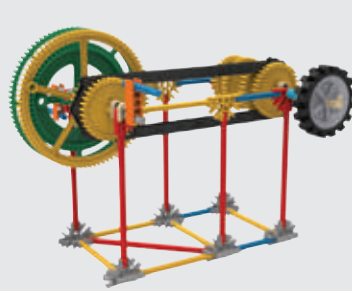
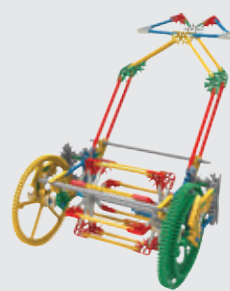
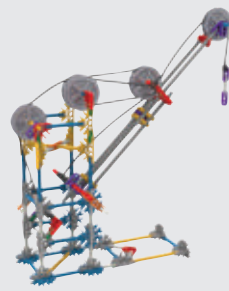


ARCHIMEDES SCREW

BALANCE

BIG BALL FACTORY

INCLINED PLANES



- + 8+ YEARS
- 60 MODELS
- 10-15 STUDENTS
- 3447 PIECES

The Simple Machines Deluxe set is designed to introduce students to the scientific concepts associated with simple machines — Levers, Pulleys, Wheels and Axles, Inclined Planes, including Wedge and Screw and Gears. As students build and investigate, they are encouraged to discuss and evaluate the scientific principles in action.

KEY CONCEPTS

- Levers, pulleys, inclined planes, wedge, screw, wheel and axle and gears.
- Energy transfer
- Effort and resistance forces
- Mechanical Advantage
- Motion and Forces

INTRODUCING MACHINES

SIMPLE MACHINES CLASS SET

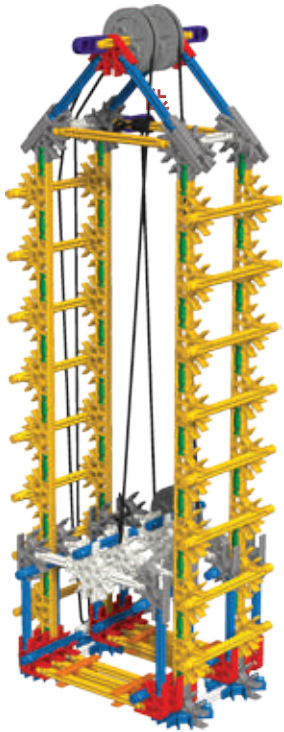
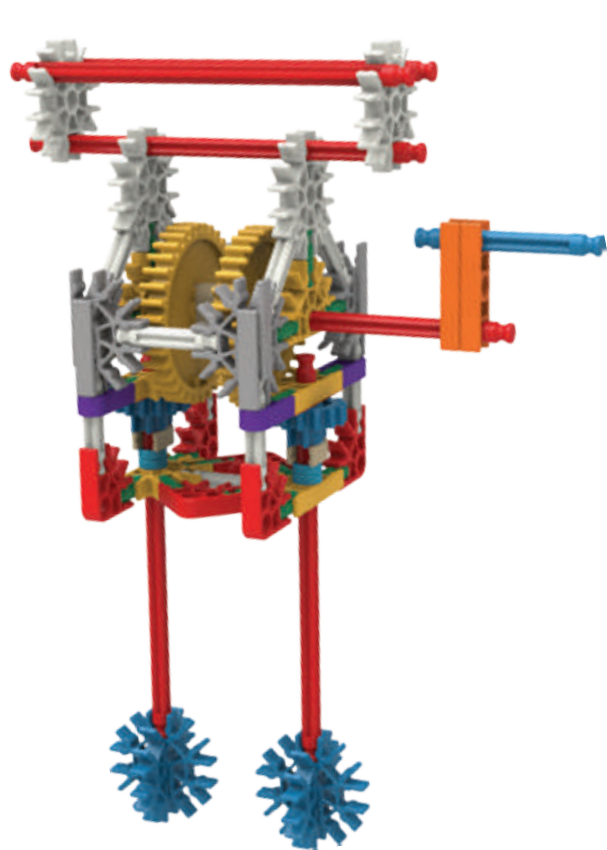
ITEM NO. 79008

- + 8+ YEARS
- 15 MODELS
- 24-26 STUDENTS
- 2176 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, Wheels & Axles, Inclined Planes, Gears, Wedges and Screws. Builds 15 fully functioning models up to eight at a time.

KEY CONCEPTS

- Levers, pulleys, wheel and axle, inclined planes, gears, wedge and screw
- Making work easier
- Mechanical advantage
- Energy transfer



INTRODUCING MACHINES

ITEM NO. 78600

EXPLORING MACHINES

- + 10+ YEARS
- 30 MODELS
- 8-12 STUDENTS
- 1432 PIECES

The 30 different models featured in this set enable students to investigate a broad variety of mechanisms in more complex models. Four of each type of model can be built simultaneously. A 70 page comprehensive Teacher's Guide is included.

KEY CONCEPTS

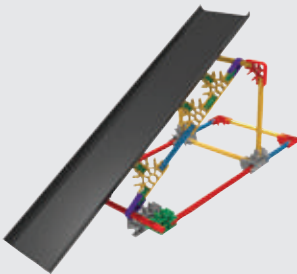
- Levers and pulleys
- Motion and forces
- Energy transfer
- Effort and resistance forces
- Classes of levers
- Mechanical advantage



SET BALANCE



SET RAMP



ELEVATOR



BLOCK & TACKLE



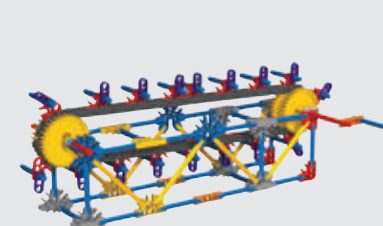
SAW MILL



PIANO



CONVEYOR BELT



INTRODUCING MACHINES

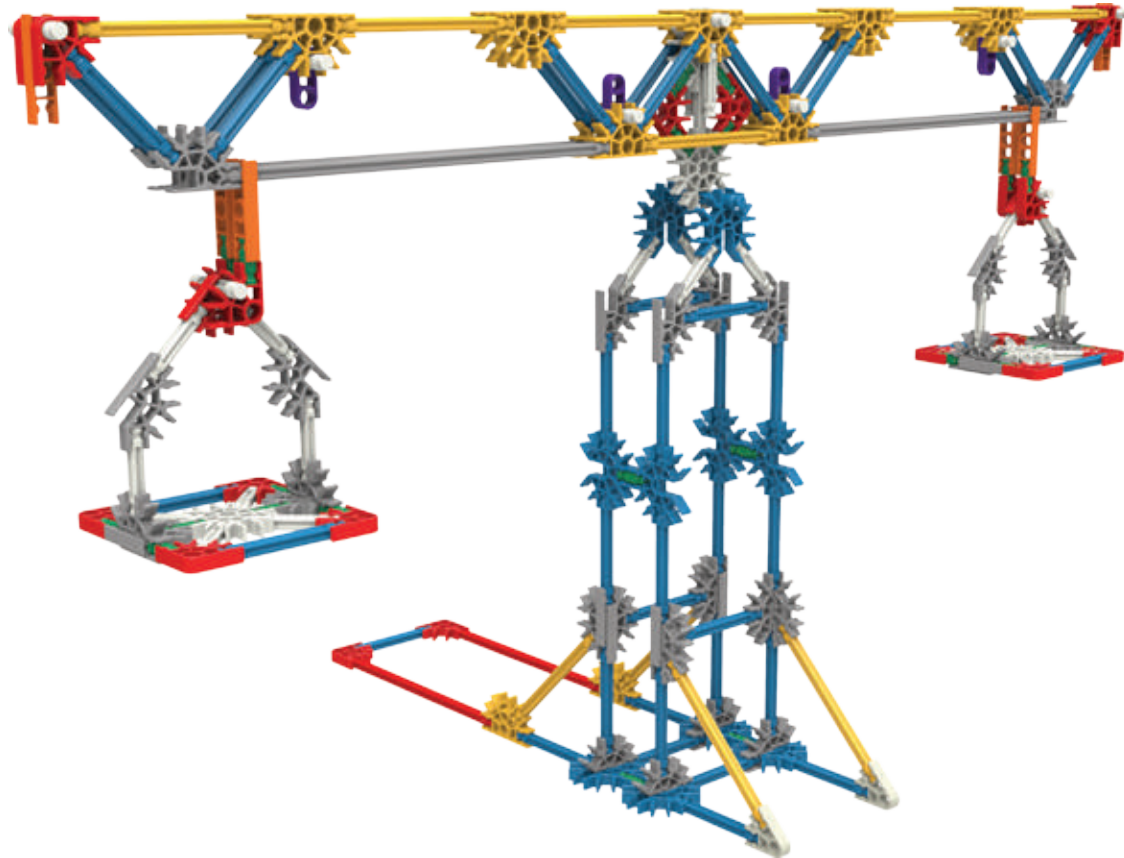
SIMPLE AND COMPOUND MACHINES

ITEM NO. 77053

- + 9+ YEARS
- 16 MODELS
- 2-3 STUDENTS
- 352 PIECES

A smaller group version of the Exploring Machines set, this set is designed to increase students understanding of simple machines, and how they make work easier by investigating, exploring and experimenting with fully functioning simple machine models. Detailed Teacher's Guide with key concepts, terms definitions and learning objectives and lesson plans included. Build sixteen models, one at a time.

- KEY CONCEPTS**
- Effort and resistance
 - Mechanical Advantage
 - Force
 - Six types of simple machine



CAROUSEL

CRANK FAN

PADDLE BOAT

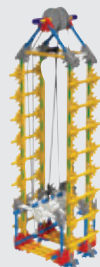
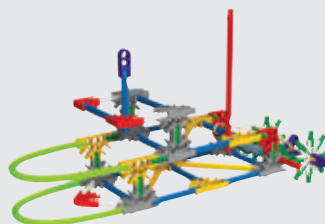
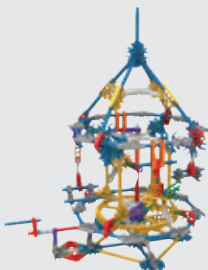
TOW TRUCK

ELEVATOR

BLOCK AND TACKLE

BALANCE

WHEEL BARROW



INTRODUCING MACHINES

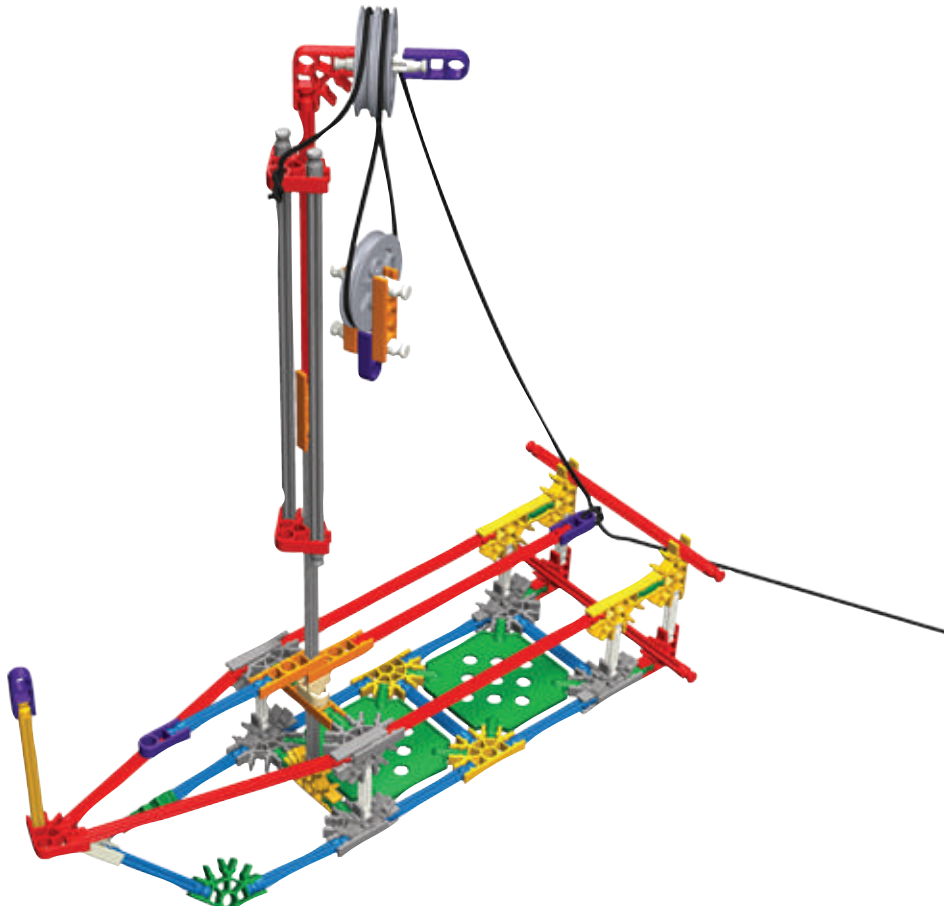
LEVERS AND PULLEYS

ITEM NO. 78610

- + 8+ YEARS
- 8 MODELS
- 2-3 STUDENTS
- 178 PIECES

Build eight real working models of 1st, 2nd and 3rd class levers and fixed, moveable and combination pulley systems, one at a time. Detailed Teacher's Guide with key concepts, terms definitions and learning objectives and lesson plans included. Packaged in a strong storage tray with moveable dividers and snap on transparent lid.

- KEY CONCEPTS**
- Identifying three classes of levers and how they operate
 - Key parts of levers: effort arm, resistance arm and fulcrum
 - How levers function
 - Fixed, moveable and combination pulley systems and how they function



INTRODUCING MACHINES

WHEELS, AXLES AND INCLINED PLANES

- + 8+ YEARS
- 7 MODELS
- 2-3 STUDENTS
- 221 PIECES

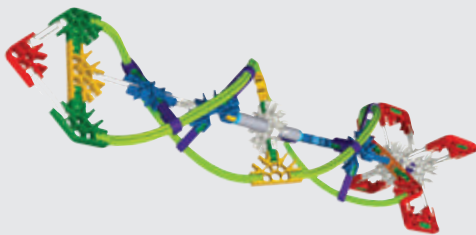
Seven real world examples of how a wheel turns an axle, how an axle turns a wheel, plus two levels of inclined planes and a screw and wedge. The set supports a team of two to three students. Build seven models, one at a time.

KEY CONCEPTS

- Identifying key parts of wheel and axle system
- Where wheels & axles are used
- Comparing and contrasting how these different machines function
- Identifying how inclined planes, screws and wedges make work easier



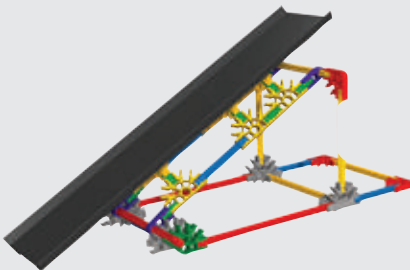
HAND DRILL



PADDLE BOAT



STEEP RAMP



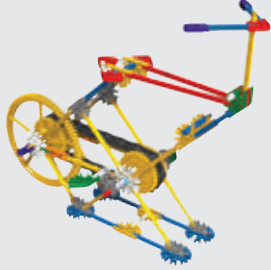
EGG BEATER



CRANK FAN



STATIONARY BIKE



INTRODUCING MACHINES

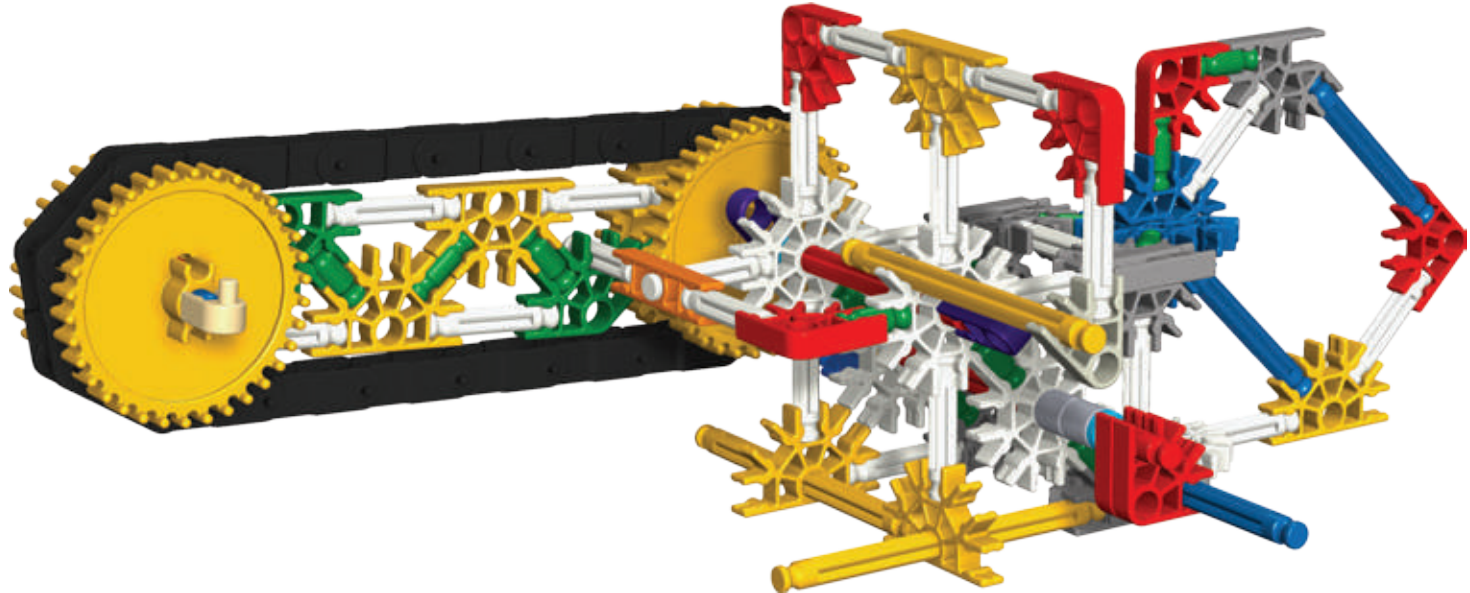
GEARS

- + 8+ YEARS
- 7 MODELS
- 2-3 STUDENTS
- 198 PIECES

- This set builds seven different gear models, including two spur gear, two crown gear and two chain and socket gear examples
- Models include Egg Beater, Blender, Chainsaw, Record player, Crank Fan, Car Window and Exercise Bike
- Set supports a team of two to three students working together, and includes a detailed Teacher's Guide with key concepts, terms and definitions

KEY CONCEPTS

- What a gear ratio is and how it is calculated
- Determining how different gear configurations change the amount of applied force, speed or direction of movement
- Where different types of gears are used
- Identifying three different types of gear configuration

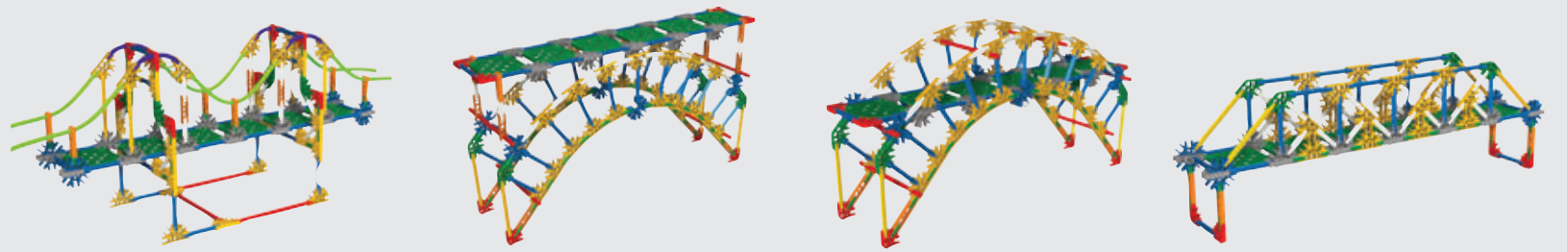


INTRODUCING STRUCTURES

The K'NEX® Bridges range is designed to support the Design and Technology, Science, Geography and History curriculum in schools.

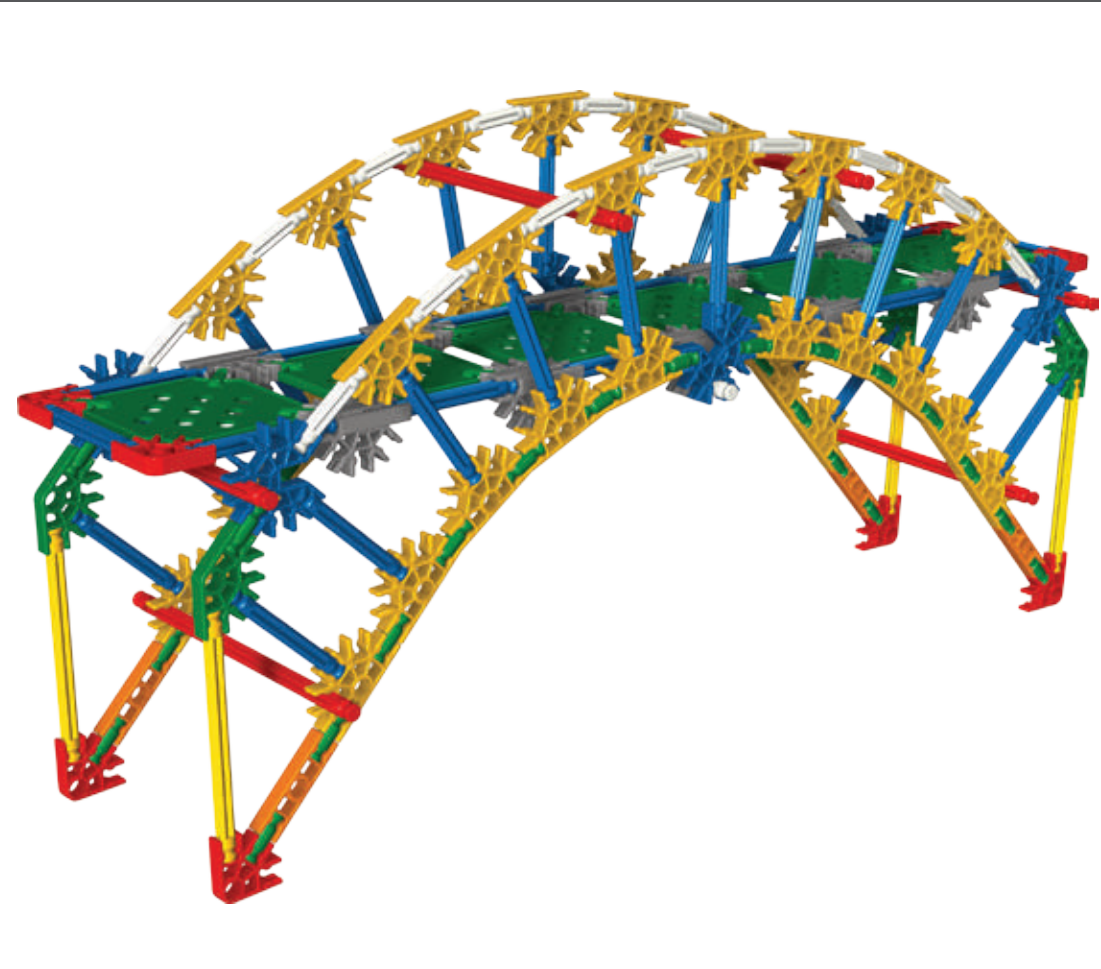
The sets build replicas of real world bridges and feature all seven of the key bridge designs, showcasing real life examples of international bridges, bringing to life the engineering and maths concepts architects and engineers have to put in place to build robust, durable structures. Teacher's Guides also explore the cost involved in constructing the bridges, and the part they have played in history.

SUSPENSION BRIDGE ARCH BRIDGE THROUGH ARCH BALTIMORE TRUSS



BRIDGES

ITEM NO. 78640



- + 8+ YEARS
- + 13 MODELS
- + 2-3 STUDENTS
- + 207 PIECES

- Builds 13 fully functioning replicas of seven key bridge types
- Detailed teachers guide with key concepts, terms and definitions included
- Supports Design and Technology, as well as Science Curriculum

KEY CONCEPTS

- Defining the characteristics and purposes of seven bridge types
- Identifying key features of each type of bridge
- Investigating how different bridge types hold their loads
- Evaluating the strength and stability of each bridge type through experimentation



INTRODUCING STRUCTURES

REAL BRIDGE BUILDING

ITEM NO. 78680

- + 10+ YEARS
- + 7 MODELS
- + 6-8 STUDENTS
- + 2282 PIECES

This large set builds replicas of real-world bridges up to 1.8 metres long - two at a time.

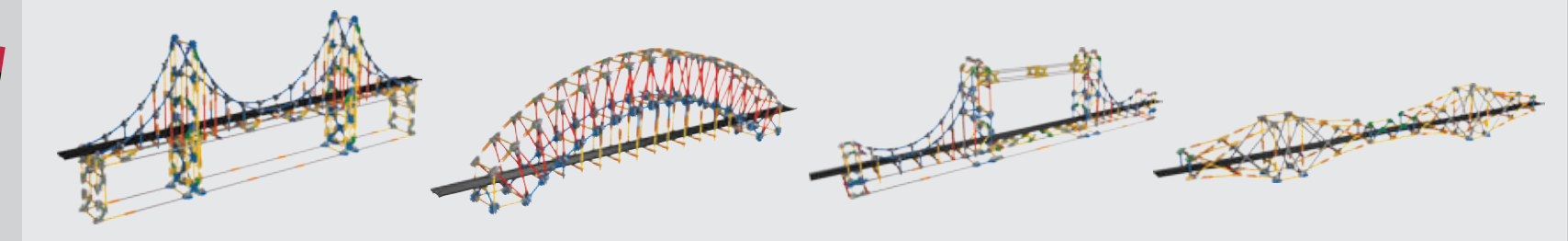
- Designed to assist students in their study of the history, function, structural design, geometry and strength of bridges
- Helps students investigate the physical properties of materials and their application in the placement of design and construction of bridges
- The models demonstrate seven key bridges: bascule, cantilever, cable-stayed, truss, suspension, arch and beam

KEY CONCEPTS

- Defining the characteristics and purposes of seven bridge types
- Investigating how different bridge types hold their loads
- Determining and calculating costs involved in building a bridge
- Exploring the history of each of the real-world bridges



GOLDEN GATE BRIDGE SYDNEY HARBOUR BRIDGE TOWER BRIDGE FORTH BRIDGE



ENERGY AND FORCES

The planning of energy resources and how we conserve and make better use of energy supplies is a hot topic in the classroom.

This range of K'NEX Education® products has been designed to allow students to investigate and explore how various forms of energy power everyday machines and structures around them. Key concepts covered in the range include renewable energy, energy storage, energy efficient technologies, force, motion, work and power. The hands on building of models and comparing performance of the designs encourage problem solving and experimentation.

RENEWABLE ENERGY

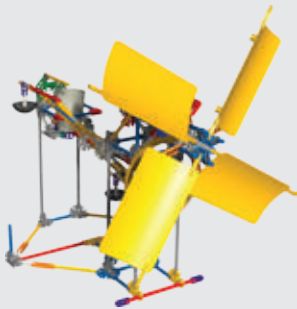
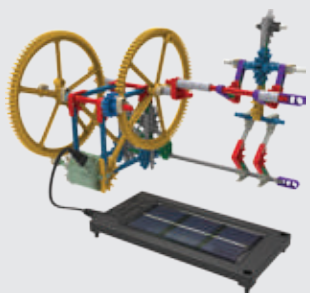
ITEM NO. 78976



CRANK MAN

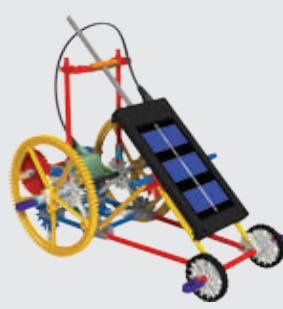
WINDMILL

WINDMILL MECHANICAL SYSTEM



WATER POWERED MILL

SOLAR POWERED CAR



RENEWABLE ENERGY

ITEM NO. 78976

- + 10+ YEARS
- 9 MODELS
- 6-12 STUDENTS
- 550 PIECES

The Renewable Energy set allows students to compare and contrast the power and efficiency that can be realized from wind, solar and water powered machines. Students generate electricity to operate models as they experiment with renewable energy systems. Builds three models at a time: One 1.38 V - 500 mA solar panel, three motors and power cords, and one capacitor for energy storage included.

KEY CONCEPTS

- Renewable Energy
- Solar, wind and hydro power
- Energy: Radiant, Mechanical and Electrical
- Kinetic and Potential Energy
- Green energy/Clean energy
- Hydroelectric energy generation



ENERGY AND FORCES

EXPLORING WIND AND WATER ENERGY

ITEM NO. 77051

- + 9+ YEARS
- 7 MODELS
- 2-3 STUDENTS
- 288 PIECES

This small group version of the Renewable Energy set allows students to experiment with wind and water power. Students will investigate the science behind these energy sources and the technologies that help to make them useful. Builds seven wind and water powered models, one at a time. Supports two to three students working in small groups.

KEY CONCEPTS

- Wind and hydro power
- Energy storage
- Hydroelectric energy generation
- Energy efficient technologies
- Innovation and invention



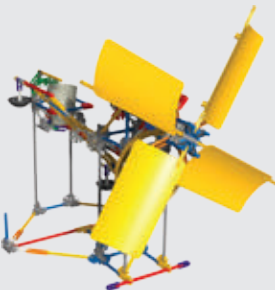
WINDMILL



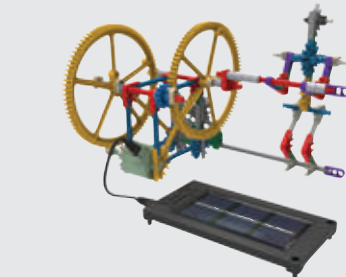
SAIL CAR



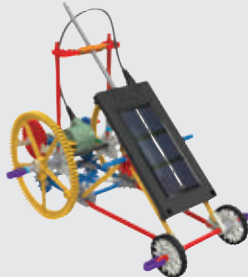
MECHANICAL WINDMILL



SOLAR CRANK MAN



SOLAR CAR



ENERGY AND FORCES

SOLAR ENERGY

ITEM NO. 77075

- + 9+ YEARS
- 3 MODELS
- 2-3 STUDENTS
- 129 PIECES

This small group version of the Renewable Energy set allows students to harness the energy of the sun and convert it into electricity to power K'NEX models. Builds three solar powered models, one at a time and supports two to three students working in small groups.

KEY CONCEPTS

- Solar Power
- Energy storage
- Energy efficient Technologies
- Innovation and Invention



ENERGY AND FORCES

FORCES ENERGY AND MOTION

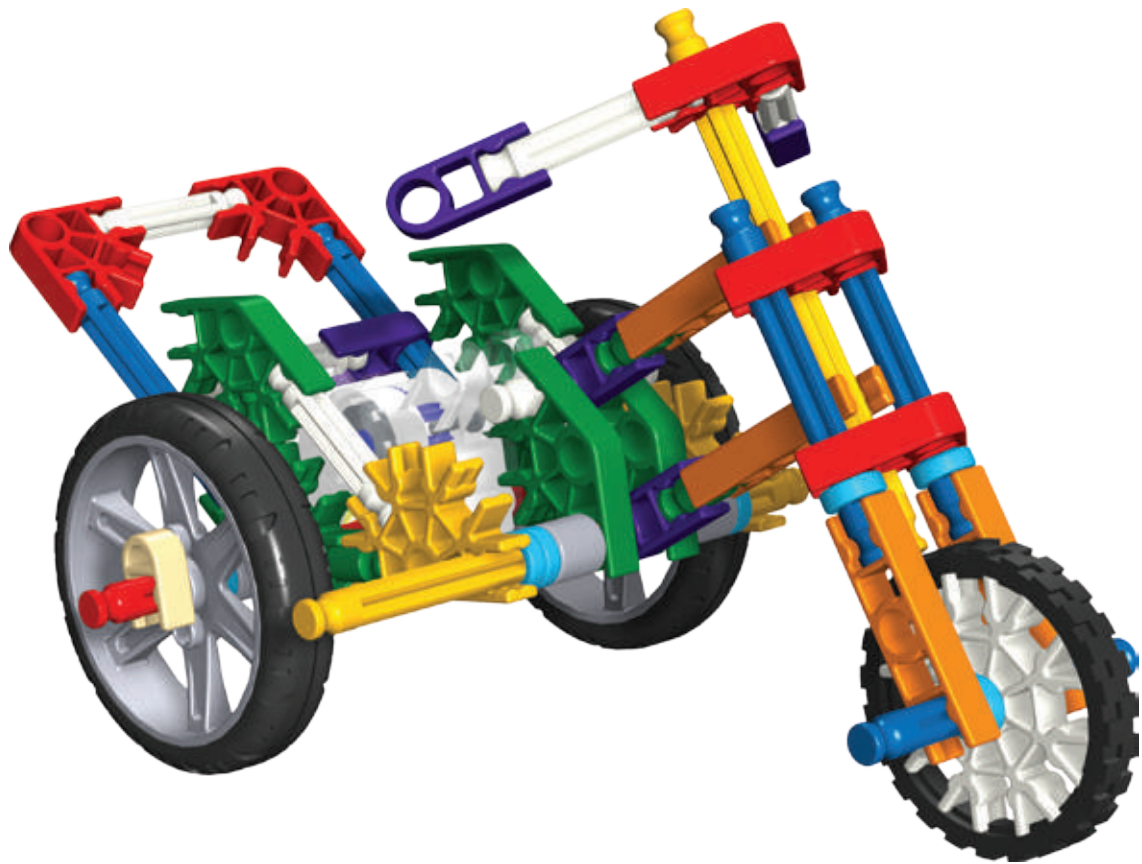
ITEM NO. 78790

- + 10+ YEARS
- + 11 MODELS
- + 12-16 STUDENTS
- + 442 PIECES

The Forces Energy and Motion set has been designed to encourage students to investigate and experiment using a variety of models. Hands on testing with various models and motors allows groups to compare and contrast what impact design has on speed and distance travelled. Set includes tyres and motors, battery, spring and fly wheel. Build eleven vehicles, up to four at a time.

KEY CONCEPTS

- Energy transfer
- Velocity and Acceleration
- Potential and Kinetic Energy
- Newton's Law and the Mathematics of Motion
- Student designed experiments to encourage design challenges



BATTERY RACER

SPRING RACER

WIND RACER

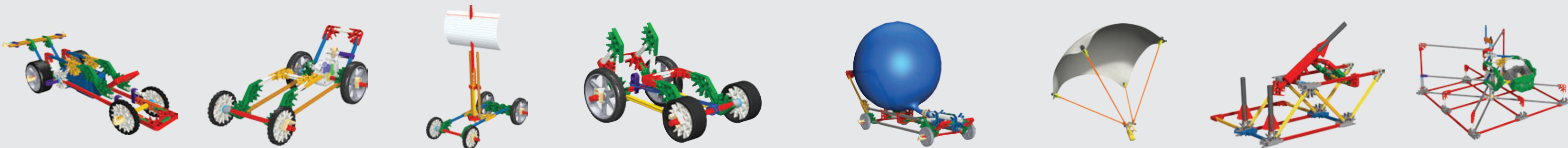
RUBBER BAND RACER

BALLOON RACER

PARACHUTE

DART LAUNCHER

CENTRIFUGE MODEL



ENERGY AND FORCES

ITEM NO. 79621

ENERGY, MOTION AND AERONAUTICS

- + 10+ YEARS
- + 9 MODELS
- + 6-9 STUDENTS
- + 1430 PIECES

The Energy, Motion and Aeronautics set allows students to investigate a variety of concepts related to Newton's Laws and aeronautics. These concepts include aeronautics as it applies to force and motion, as well as the effects of individuals who work in space. Models demonstrate: Newton's Laws, aeronautic and aerospace training devices, optical illusions, mechanical systems, airplane flight surfaces, parachute technology, projectile motion, and much more. Build nine models, up to three at a time.

KEY CONCEPTS

- Newton's Laws, Ratios and Proportions
- The design Process /Engineering Design
- Measurement
- Testing , Evaluating and Modifying
- Data collection, graphing and analysis



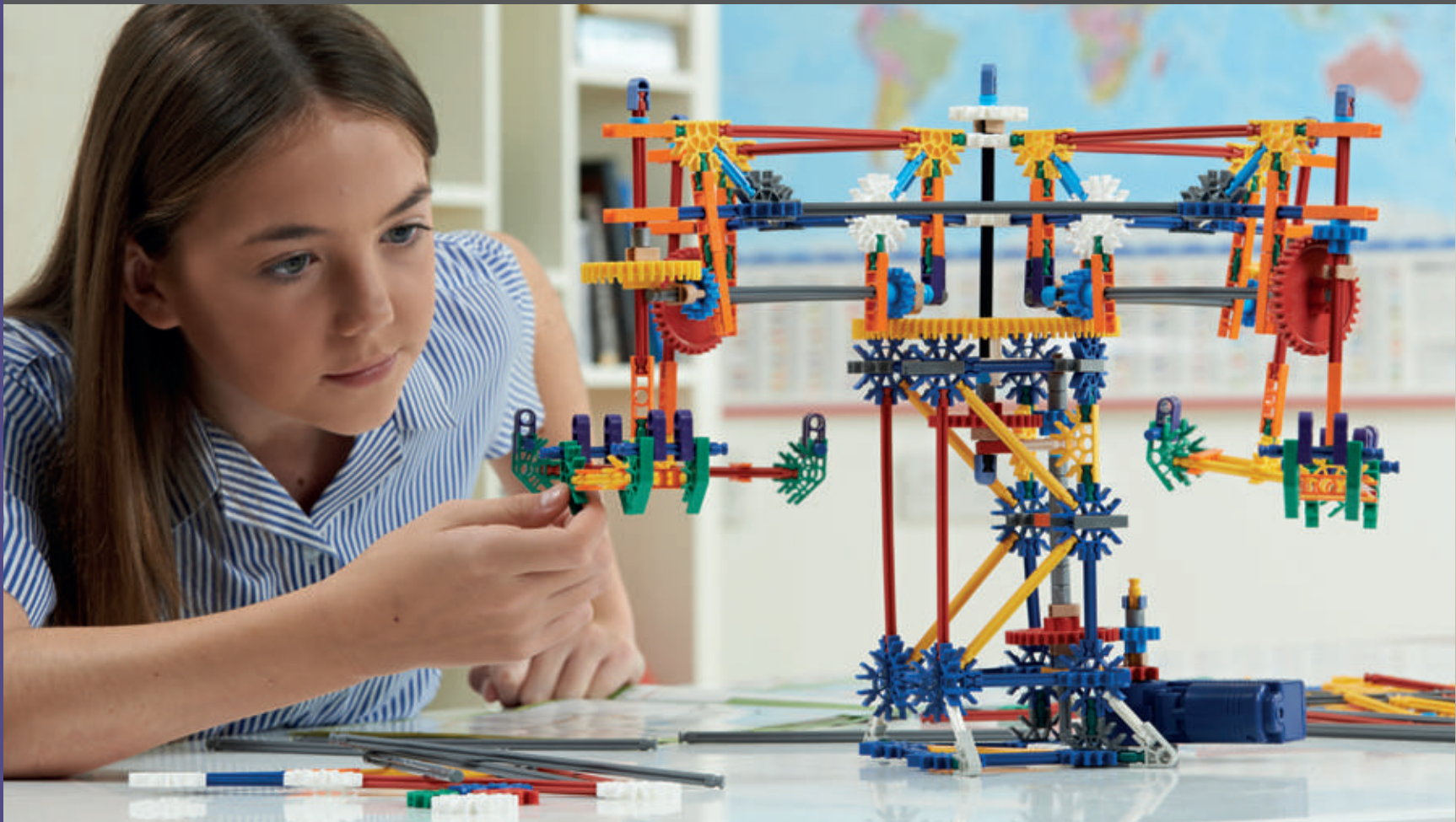
AMUSEMENT PARK PHYSICS

The K'NEX Education® Amusement Park range provides an opportunity for students to combine real world applications with key science, technology, engineering and maths principles.

Students will be engaged and energized as they explore how these key concepts are applied on Amusement Park Rides.

AMUSEMENT PARK EXPERIENCE

ITEM NO. 78890



HALF PIPE

ZIPPER

SERPENT

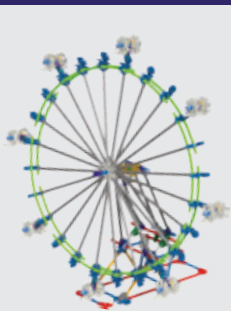
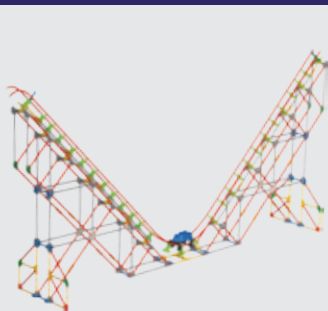
LONDON EYE



FERRIS WHEEL

PIRATE SHIP

SWING RIDE



- + 10+ YEARS
- 13 MODELS
- 6-8 STUDENTS
- 2264 PIECES

- Amusement Park Experience opens up science and mathematical investigations into speed, distance and time, rotational motion and more.
- 2264 pieces build classic amusement park rides including a roller coaster, carousel, Ferris wheel, pirate ship, scrambler, wing and boom rides, plus ramps and half pipes.
- Build clothoid loops, circular loops, ball ramps.
- Explore gearing options for rotating rides
- Builds up to two models at a time

KEY CONCEPTS

- Relationship between speed, distance and time
- Relationship between mass and speed
- Mass motion and energy loss
- Slope as a rate of change
- Displacement



AMUSEMENT PARK PHYSICS

STEM EXPLORATIONS SWING RIDE

ITEM NO. 77077

- + 8+ YEARS
- 3 MODELS
- 2-3 STUDENTS
- 470+ PIECES

Students will be engaged and energized as they further their knowledge and understanding of the science, technology, engineering and maths concepts associated with a real-life amusement park ride.

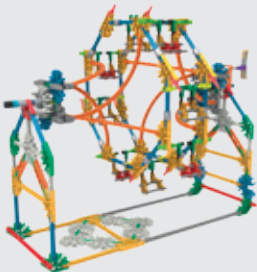
- Build a working swing ride, plus two additional models, one at a time
- Three experiments – one for each model
- Battery-powered motor included

KEY CONCEPTS

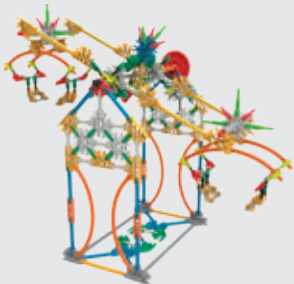
- Relationship between Mass and Speed
- Gearing Up & Gearing Down
- Understanding Patterns
- Gather, analyze, and interpret data



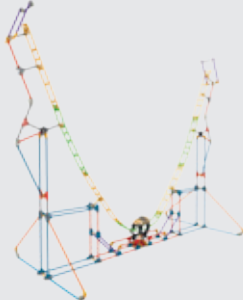
FERRIS WHEEL



BOOM RIDE



HALFPIPE COASTER



INCLINE COASTER



AMUSEMENT PARK PHYSICS

STEM EXPLORATIONS ROLLER COASTER

ITEM NO. 77078

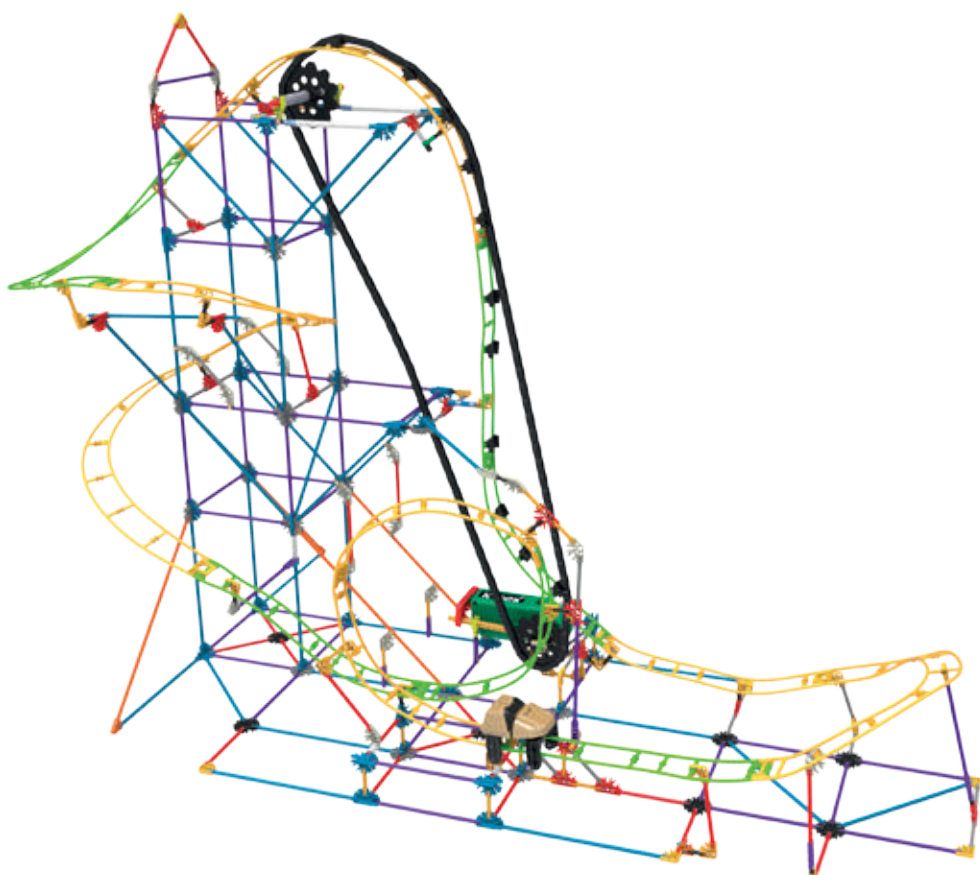
- + 8+ YEARS
- 3 MODELS
- 2-3 STUDENTS
- 500+ PIECES

This set has been designed to engage and inspire students as they further their knowledge and understanding of how science, technology, engineering and maths concepts are used in the development of thrill rides.

- Build a working roller coaster, plus two additional models, one at a time
- Three experiments – one for each model
- Battery-powered motor included

KEY CONCEPTS

- Relationship between Speed, Distance and Time
- Variables in an experiment
- Gather, analyze, and interpret data



AMUSEMENT PARK PHYSICS

ROLLER COASTER PHYSICS

ITEM NO. 78880

- + 16+ YEARS
- 11 MODELS
- 6-8 STUDENTS
- 2037 PIECES

This set is designed to help students as they design and conduct scientific investigations, identify variables of the problem and adapt models to improve performance. Learn data collection, charting and reporting of experimental results. Build up to two lab stations at a time.

KEY CONCEPTS

- Measurement in 3D Trigonometry
- Time of Flight
- Uniform Acceleration
- Elastic Collision in two dimensions
- Centripetal Force and Acceleration
- Centripetal Force in a Vertical Direction
- Weightiness and Weightlessness
- The Physics of the Clothoid Loop

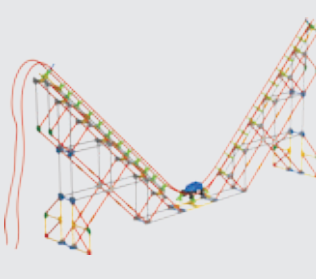
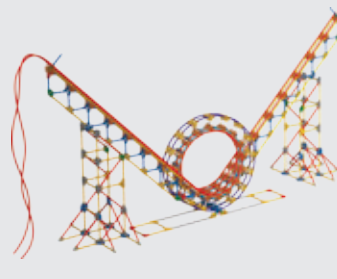
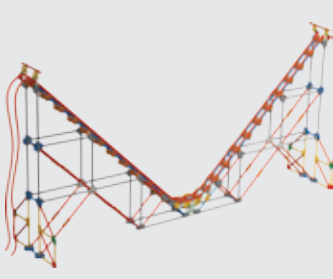
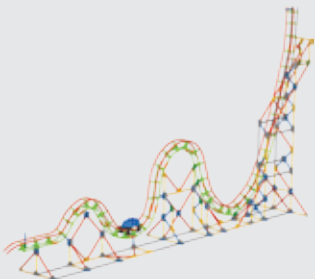


DOUBLE HILL

HALF PIPE FOR BALL

HALF PIPE WITH CIRCULAR LOOP

HALF PIPE FOR CAR



LIFE SCIENCE

DNA REPLICATION AND TRANSCRIPTION

ITEM NO. 78780

- + 10+ YEARS
- 19 MODELS
- 2-3 STUDENTS
- 521 PIECES

This set is designed to aid in teaching the structure and function of the nucleic acid molecules that make up DNA and RNA. Build nineteen models, up to two at a time.

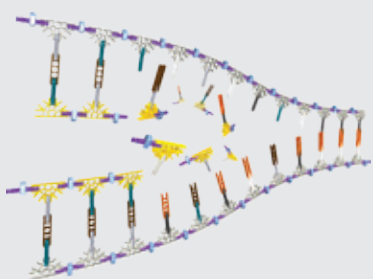
KEY CONCEPTS

- Molecular basis of heredity
- Chemistry of DNA
- DNA Structure
- The Double Helix
- Enzymatic Control of DNA Process
- Semi-conservative replication of DNA
- Translation of DNA code
- Transcription and mRNA Reproduction



MRNA STRAND

REPLICATION FORK



MATHS & GEOMETRY

Students live in a 3D world, so it makes sense for them to connect with maths and geometry on a 3D level.

K'NEX® sets allow them to do just that, building their knowledge and understanding of key maths and geometry concepts.

ELEMENTARY MATHS & GEOMETRY

ITEM NO. 78720



- + 6+ YEARS
- 38 MODELS
- 3-4 STUDENTS
- 142 PIECES

An introduction to 2D and 3D shapes, symmetry and fractions for hands-on maths.

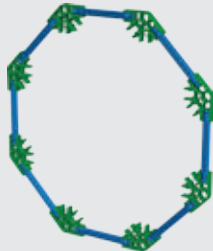
This 142 piece set builds 40 different 2D and 3D mathematic models (multiple models simultaneously).

KEY CONCEPTS

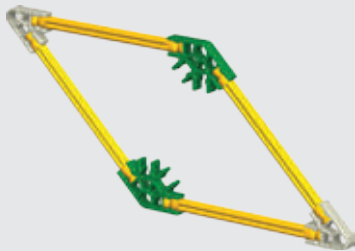
- Shapes, faces, angles & similarity, Symmetry Lines
- Segments and Rays Edges
- 2D & 3D Dimensional geometric shapes
- Sides, congruence
- Fractions, vertices



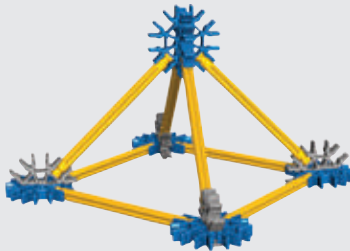
OCTAGON



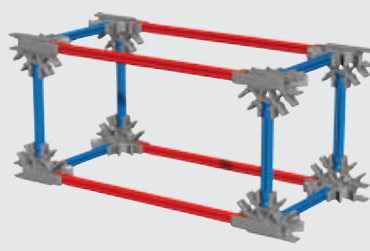
QUADRILATERAL



SQUARE PYRAMID



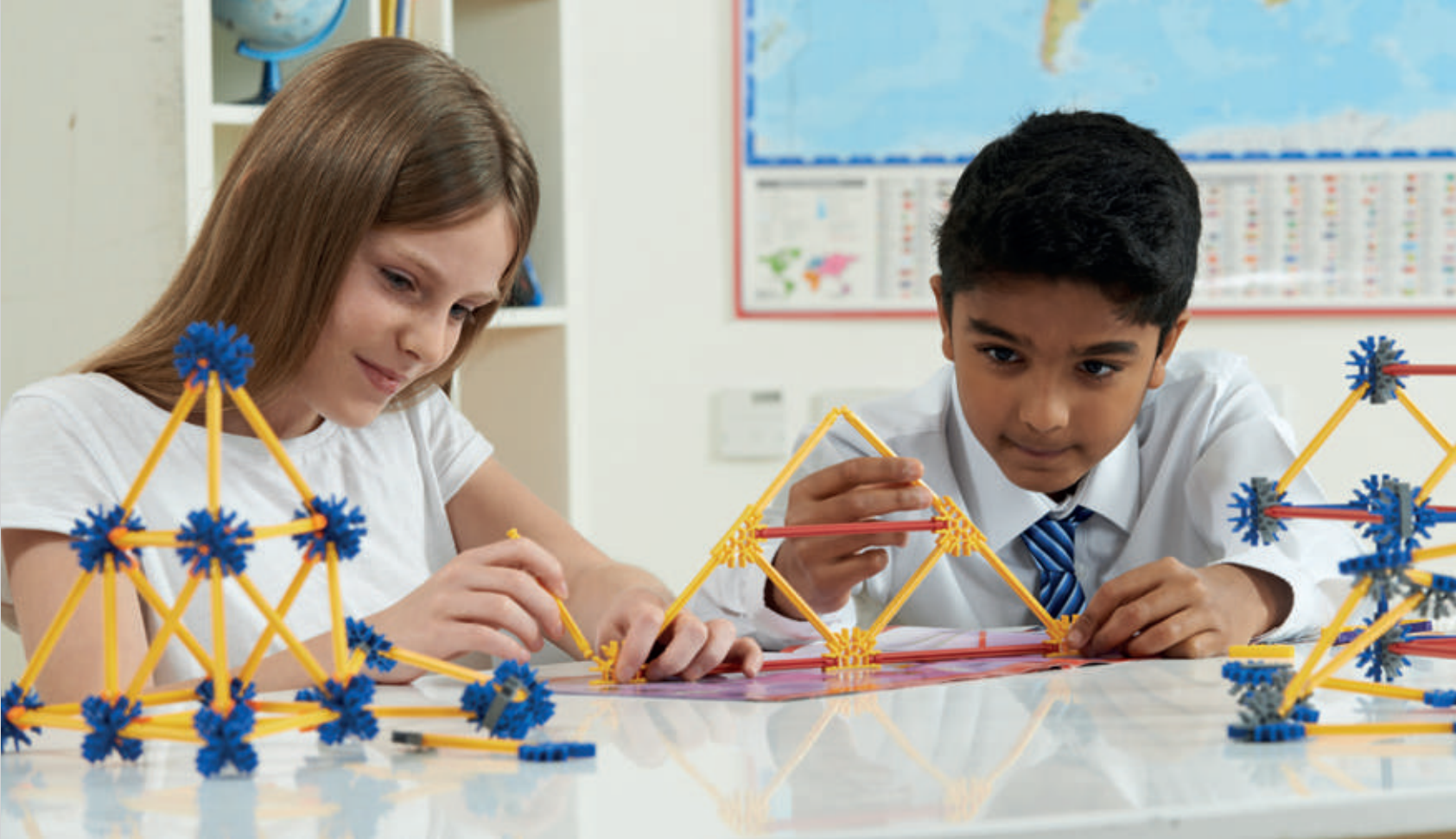
RECTANGULAR PRISM



MATHS & GEOMETRY

INTERMEDIATE MATHS AND GEOMETRY

ITEM NO. 79028A



- + 9+ YEARS
- 95 MODELS
- 8-16 STUDENTS
- 920 PIECES

Builds 95 K'NEX® Maths and Geometry models, up to four simultaneously.

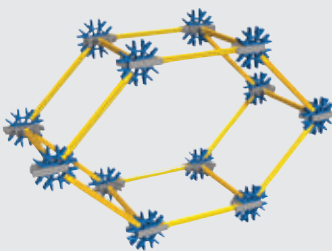
Designed to address critical mathematics concepts in the secondary school classroom, and provide instructional models that will enhance students' understanding of important concepts and algorithms.

KEY CONCEPTS

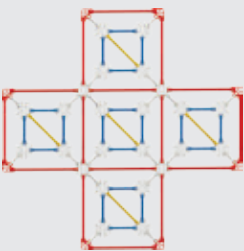
- 2D and 3D Geometry
- Sequencing and Patterning
- Transformations
- Rotational symmetry in 3D
- Reflections, Congruence and Similarity



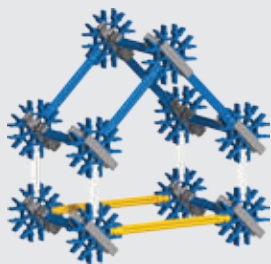
BEAVER



CATERPILLAR



ELEPHANT



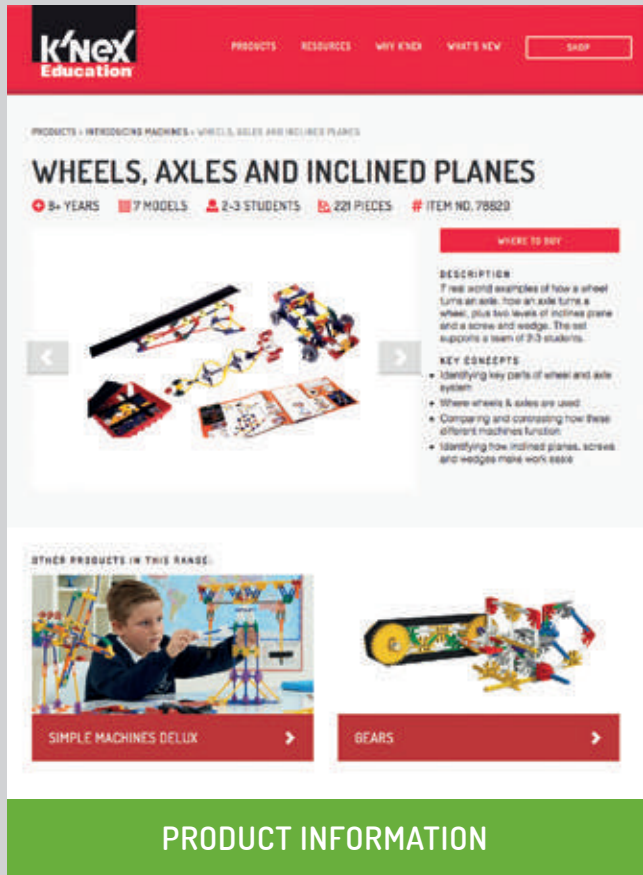
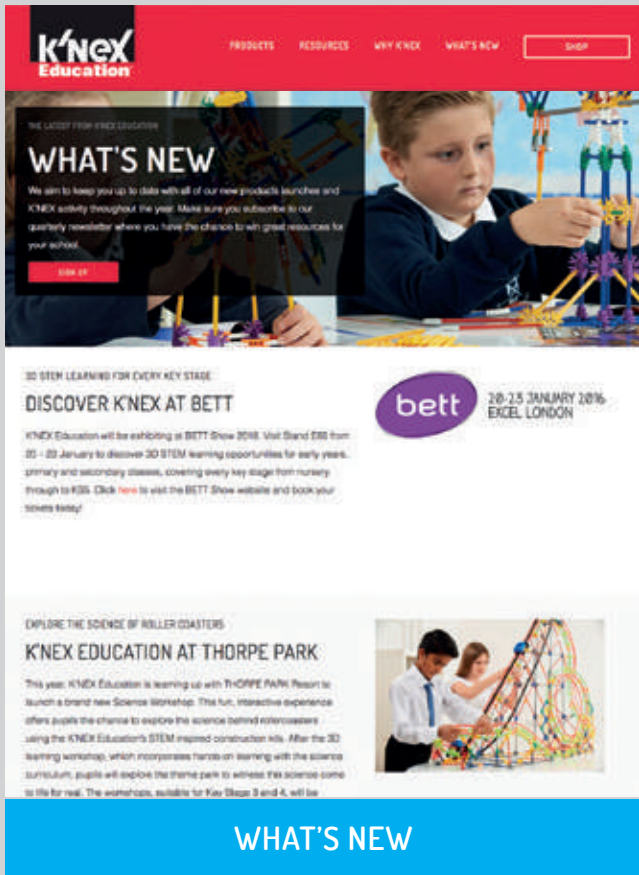
LADYBUG



THE K'NEX EDUCATION® WEBSITE

Visit the K'NEX Education website to find a wealth of resources designed to support you and your pupils in the classroom.

On this website, you will find:



- COMPREHENSIVE TEACHERS' GUIDES
- STUDENT BUILDING INSTRUCTIONS



- INFORMATION ON INNOVATIVE SCHOOL WORKSHOPS
- CHANCES TO WIN 3D STEM LEARNING PRODUCTS
- CLEAR INFORMATION ON KEY STAGES AND GROUP SIZES
- LINKS TO BUY ONLINE

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