PRODUCT CATALOGUE



STEM TOYS, KITS, AND LABS

I CAN EMPATHISE

I CAN SOLVE PROBLEMS

I CAN IMAGINE

I CAN THINK OBJECTIVELY

I CAN CREATE

I CAN BUILD

I CAN CALCULATE

I CAN INNOVATE

I CAN LEARN BETTER



STEAM GIVES YOU SUPERPOWERS

BLIX EDUCATION

ABOUT US

Blix designs and manufactures hands-on STEM construction kits and learning systems for children. Most of our toys and kits are compliant with European and American Toy Safety Standards, including CE, EN71, and ASTM. Our products are used for play at home and structured learning in schools and institutions.

WHAT WE DO

We develop modular STEM toys and educational solutions that introduce engineering and robotics concepts through physical construction and experimentation.

Toy Sets

- Mechanical STEM construction toys.
- Retail-ready packaging.
- Step-by-step construction manuals included.



Labs & Workshops

- Hands-on STEM workshops conducted for students.
- End-to-end lab setup for schools.
- Training provided for students and teachers.
- Hardware, curriculum, and support included.



Robotics Sets

- Motorised and robotics-based builds.
- Supplied in durable, portable cases.
- Learning journals with instructions and exercises.
- Screenless programming to advanced robotics.



Screenless programming.



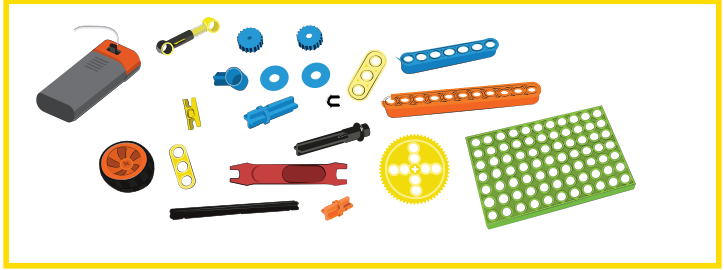
STEM For little ones



Blix Boffin range

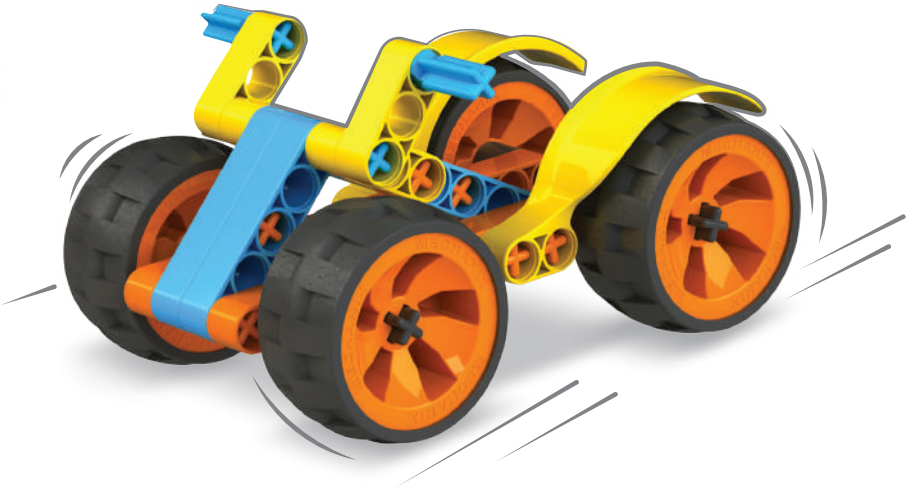
Spares

- Spare parts available internationally.
- Individual components supplied separately.
- Compatible across Blix systems.



BLIX CARS - 1







8 908021 648008

#64800

Ages 5+
45 Pieces
4 Models

BLIX CARS - 2







8 908021 648114

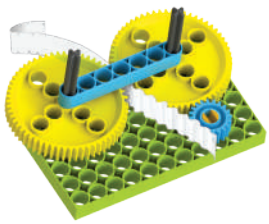
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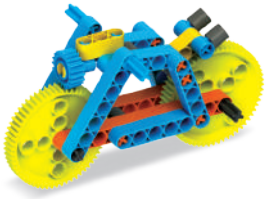
Ages 5+
76 Pieces
10 Models

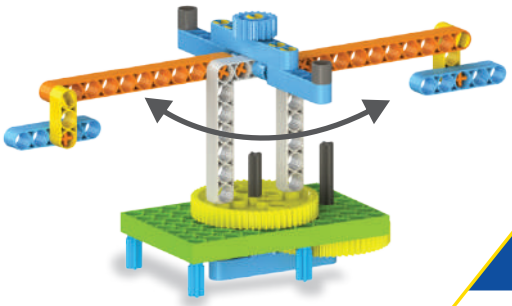
BLIX BUDDY











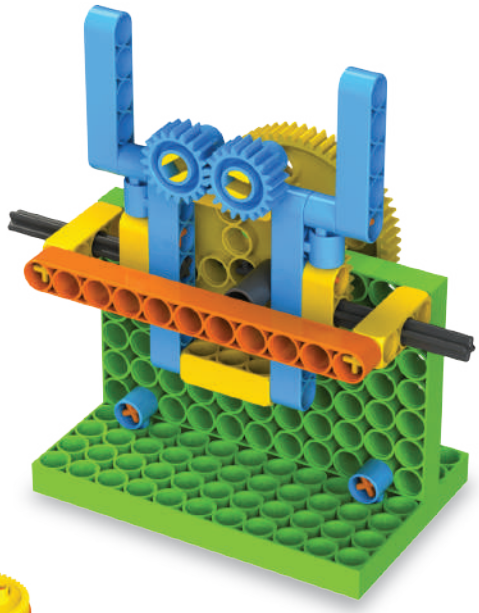
8 908021 648121

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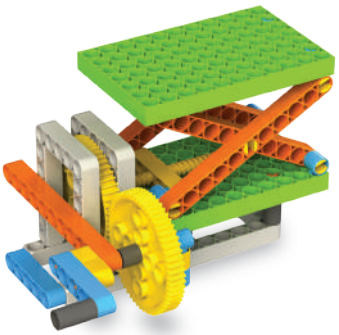
Ages 5+
60 Pieces
5 Models

BUILD-A-MACHINE











8 908021 648398

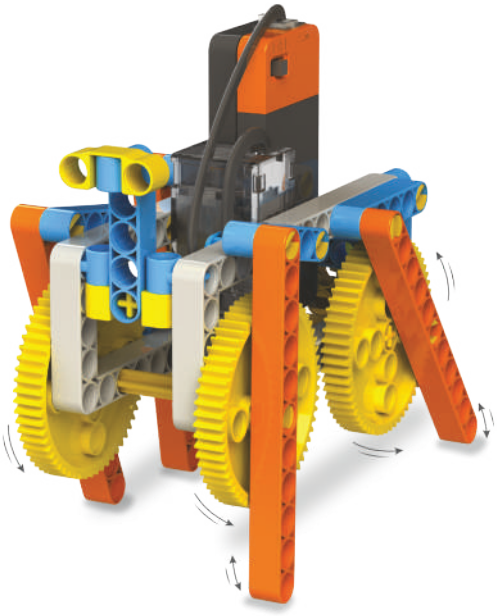
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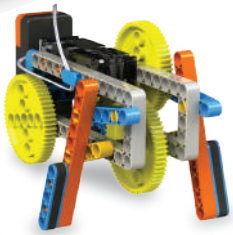
Ages 5 - 12
100+ Pieces
7 Models

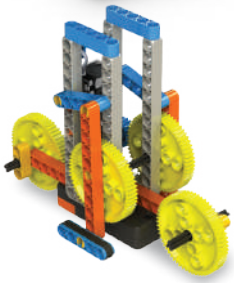
CRAWLERS

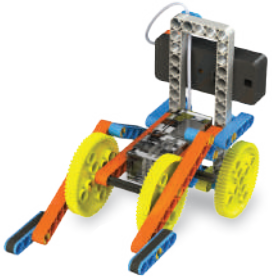












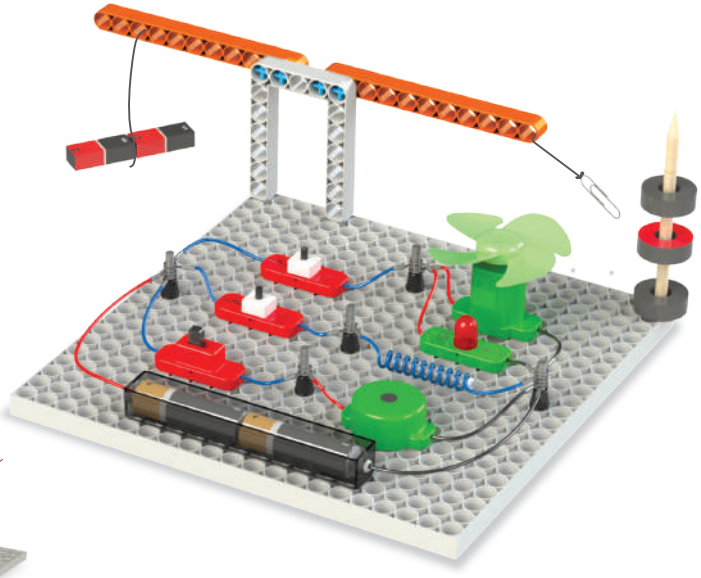
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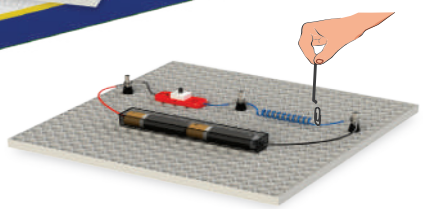
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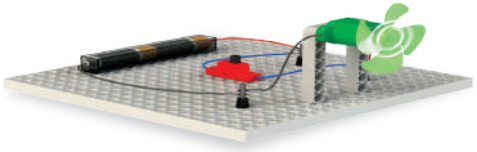
Ages 8+
78+ Pieces
8 Models

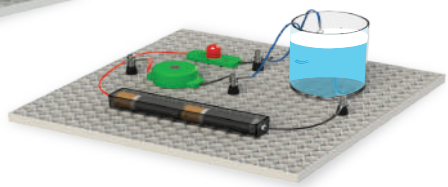
ELECTROMAGNETIX











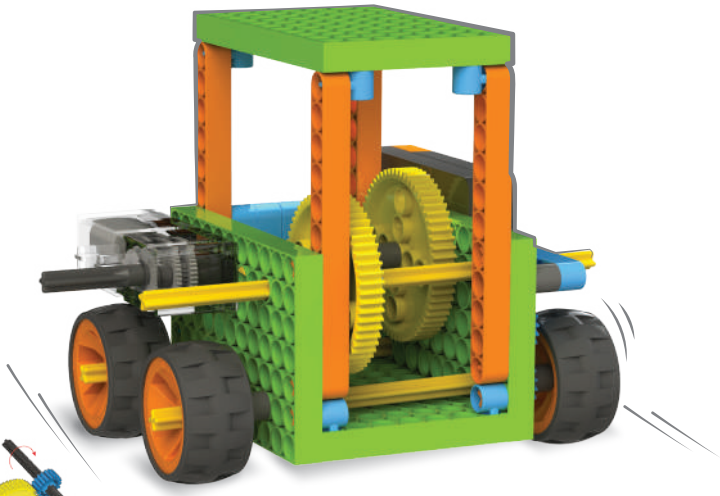
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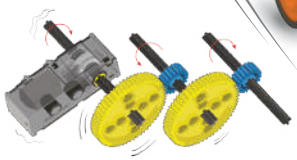
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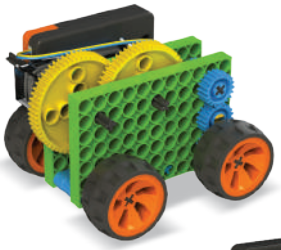
Ages 8+
43 Pieces
30 Projects

GEAR BOX

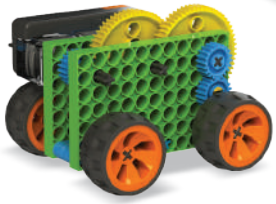












8 908021 648145

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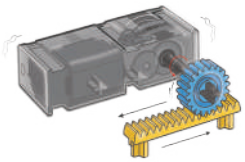
Ages 8+

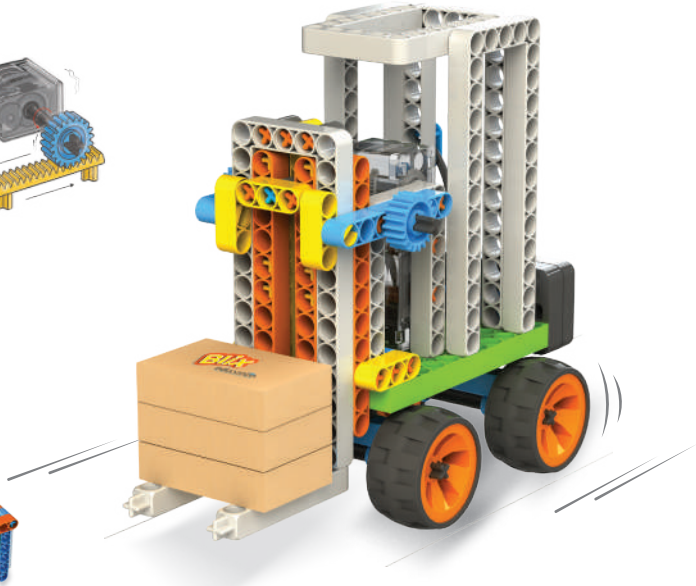
100+ Pieces

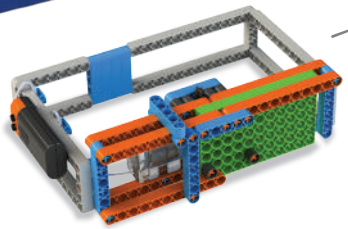
10 Experiments

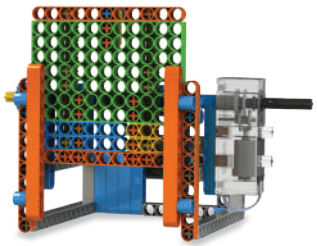
RACK & PINION

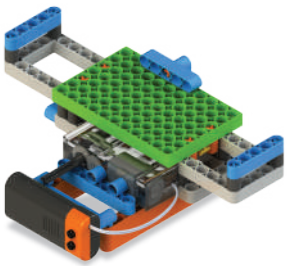












8 908021 648039

#64803

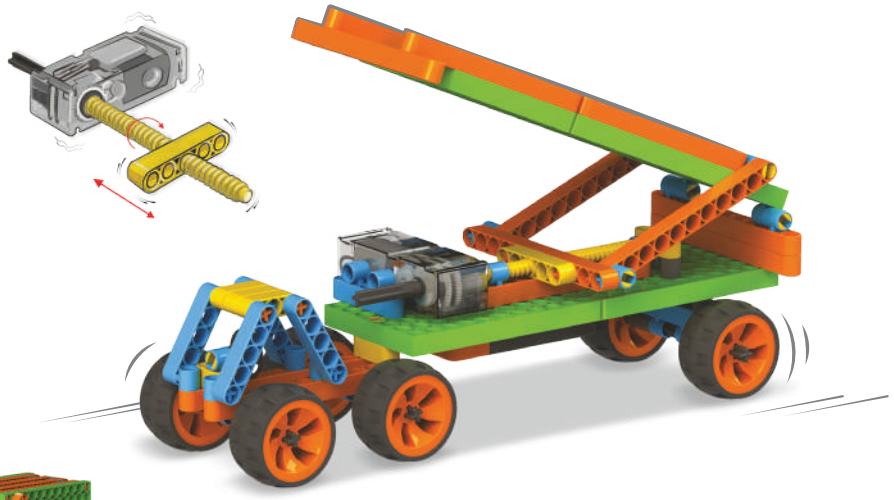
Ages 8+

150+Pieces

6 Models

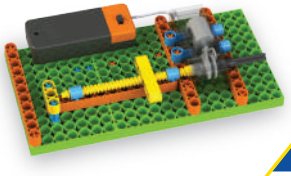
POWER SCREW











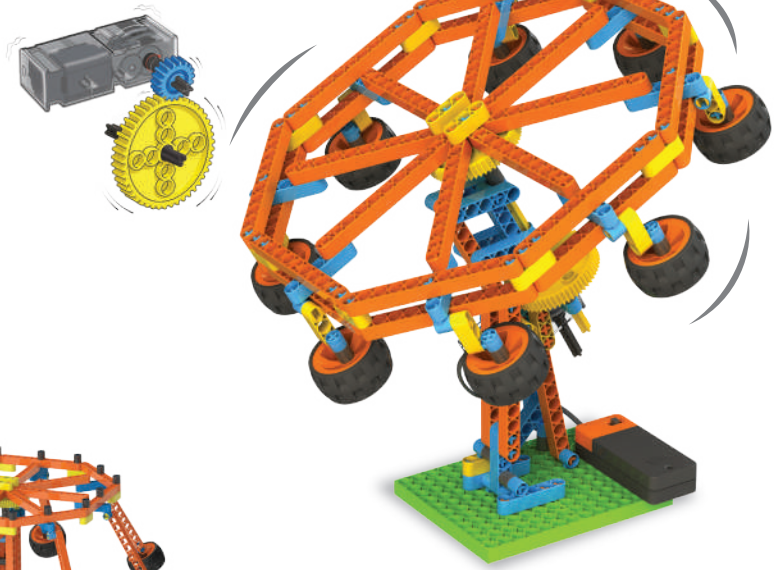
8 908021 648138

#64813

Ages 8+
186 Pieces
7 Models

AMUSEMENT PARK







8 908021 648152

#64815

Ages 8+
340 Pieces
7 Models

QUEAKY

It's MAGIC

OR SCIENCE?

QUEAKY CHARGE







FOR AGES 5+

5 VIBRANT COLORS

8 908021 648619	8 908021 648640	8 908021 648626	8 908021 648633	8 908021 648602
#64861	#64864	#64862	#64863	#64860

MARBLE RUN -1









8 908021 648022

#64802

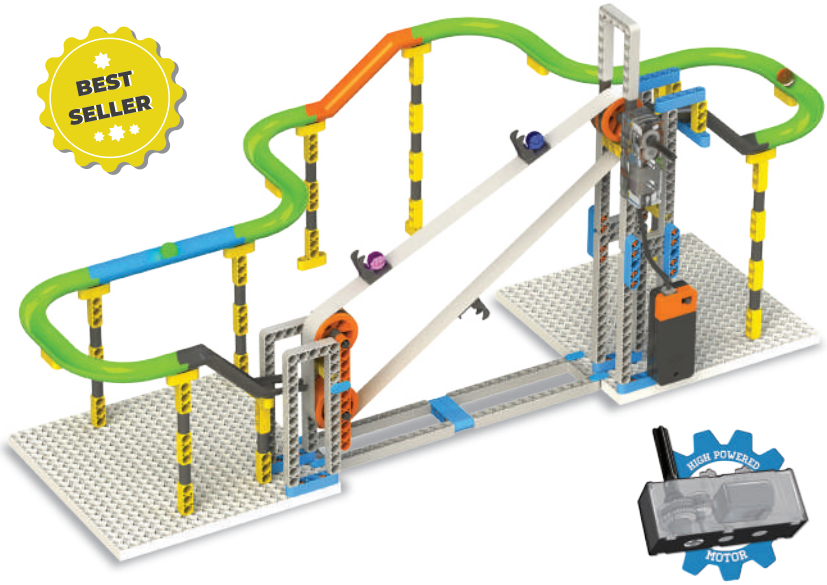
Ages 5 - 99
118+ Pieces
4 Projects



MARBLE RUN -2



BEST SELLER



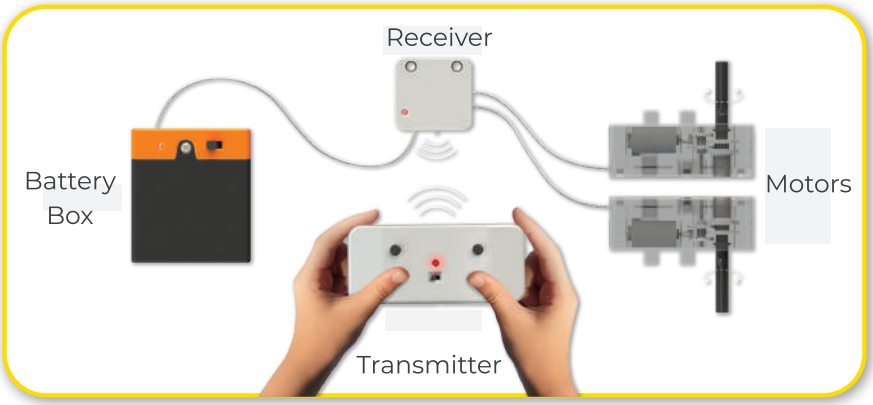


8 908021 648220

#64822

Ages 5 - 99
170+ Pieces
4 Projects

- 2.4 GHZ wireless controls
- Build your own remote controlled toys



RC EXPLORERS











8 908021 648237

#64823

Ages 8+
120+ Pieces
8 Models

RC MEGASTRUCTURE

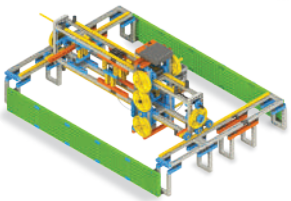


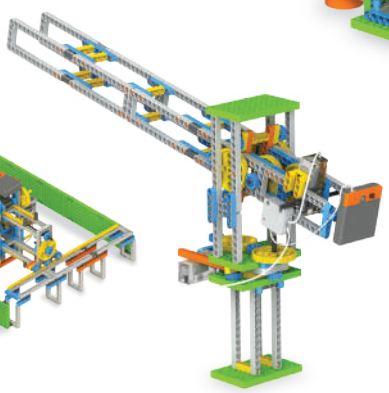












8 908021 648367

#64836

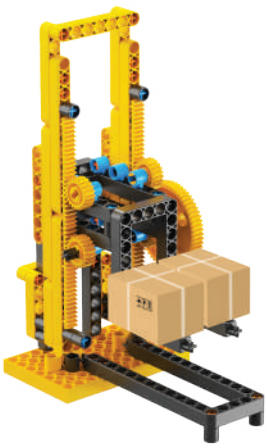
Ages 8+
750+ Pieces
8 Models

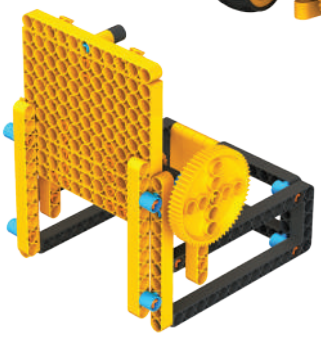
FORKLIFT











8 908021 648725

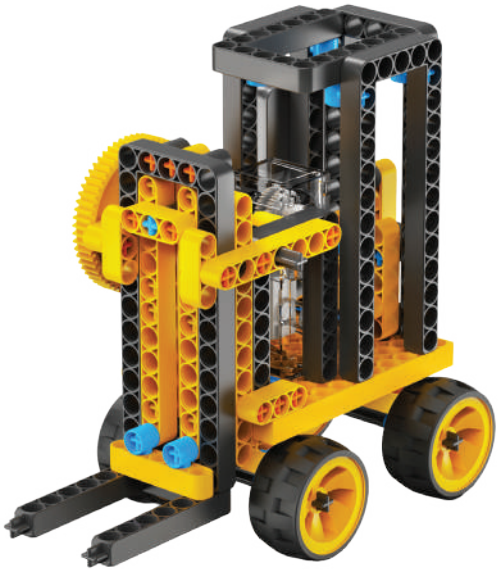
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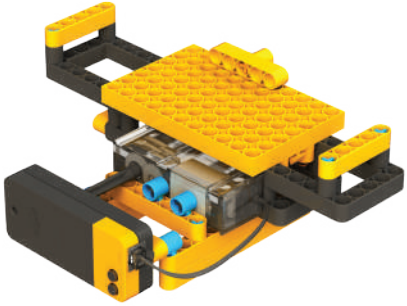
Ages 5+
185+ Pieces
6 Models

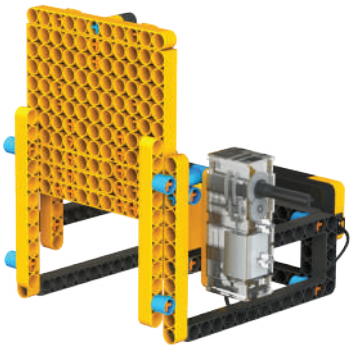
FORKLIFT POWER











8 908021 648718

#64871

Ages 8+
118+ Pieces
6 Models

BLIX JUNIOR













8 908021 648046

#64804

Ages 5+
118+ Pieces
4 Projects

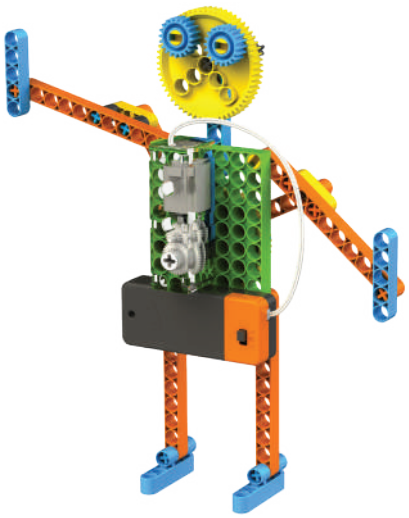
DISCOVERING MOTIONS













8 908021 648053

#64805

Ages 8+
175+ Pieces
10+ Projects

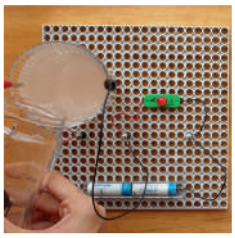
E-CIRCUITS

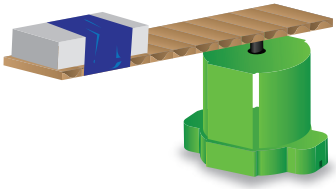


- Learn about voltage, current, electrical power, resistance and capacitance.
- Experiment with real electrical components like resistors, capacitors, motors, light sensor, buzzers.
- The one kit to uncover the hidden secrets of electricity.
- Manual inside with step-by-step instructions, concept explanation and fun challenges.









8 908021 648305

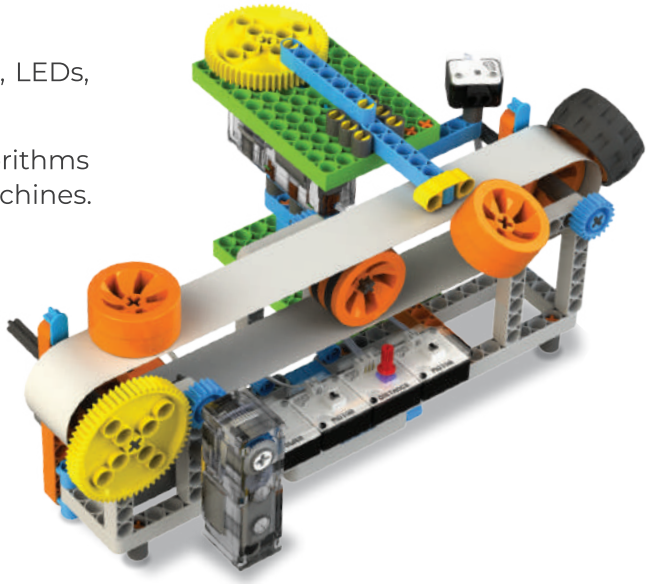
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Ages 8+
25+ Pieces
45+ Experiments

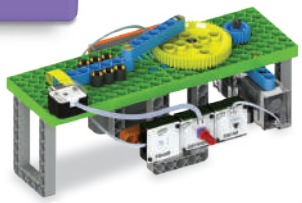
LOGIC BLOCKS



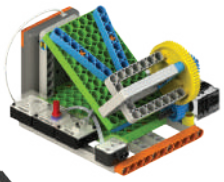
- Screenless programming
- Contains sensors, buzzers, LEDs, motors and logic blocks.
- Basics of robots and algorithms by building intelligent machines.













Power Block



IR Block



NOT Block

etc...



Buzzer Block



Distance Block



Motor Block

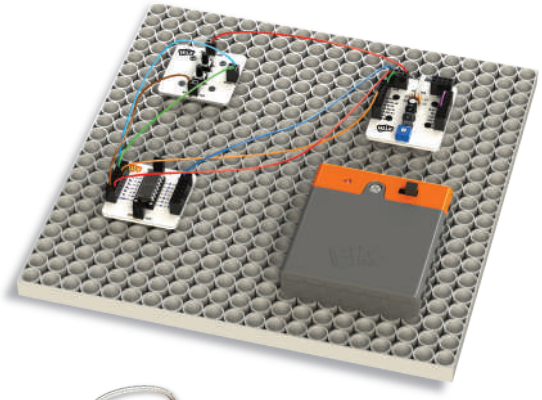
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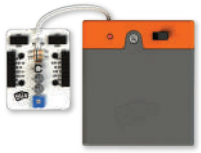
#64837

Ages 8+
155+ Pieces
10+ Projects

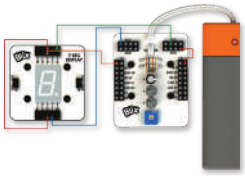
DISCOVERING ELECTRONICS



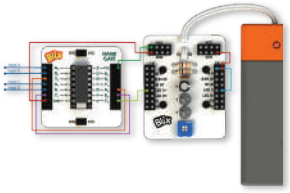




Combined pcb with 6V battery box



7 segment led



SOP using universal gates

- Learn breadboard free electronics.
- Learn the concept of digital electronics through gate ICs, mux and demux IC, combinational, timer circuits and 7 segment displays.

8 908021 648282

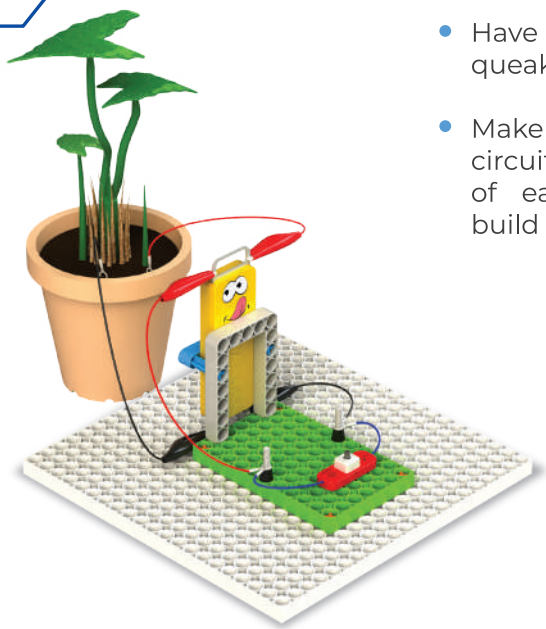
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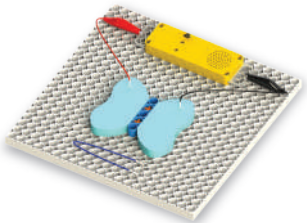
Ages 8+
55+ Pieces
55+ Experiments

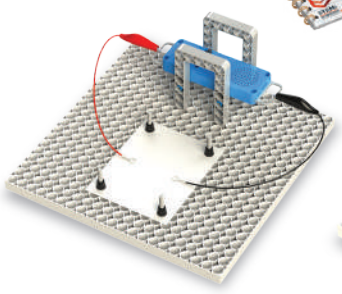
JUNIOR ELECTRONICS

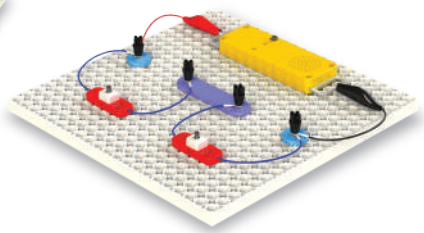












- Have endless fun through queaky electronics.
- Make open and closed loop circuits, understand concept of earthing resistance and build fun games with queaky.

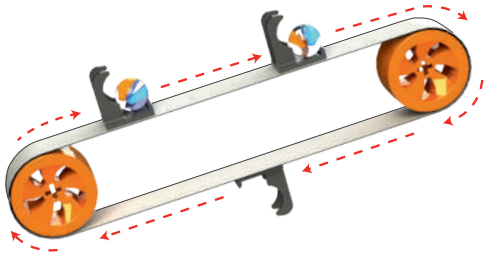
8 908021 648299

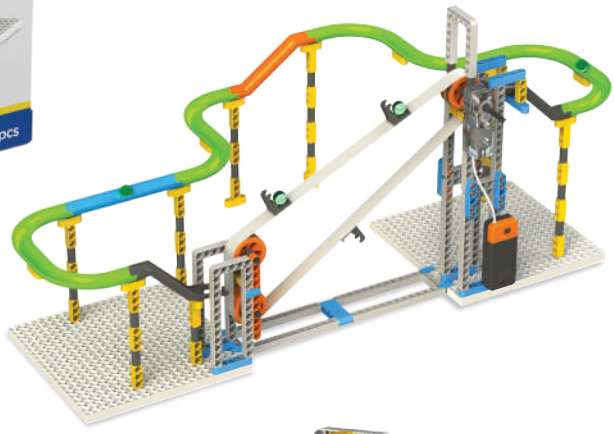
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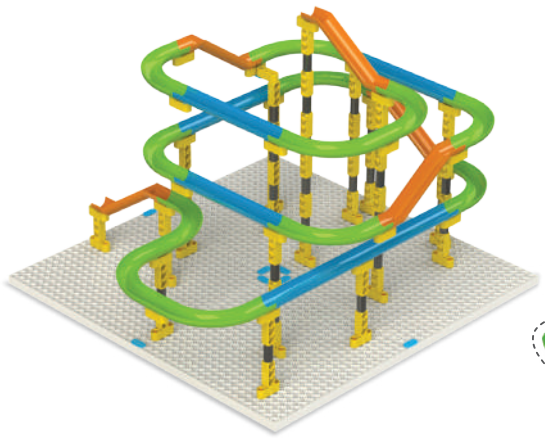
Ages 8+
90+ Pieces
10+ Projects

MARBLE STEM

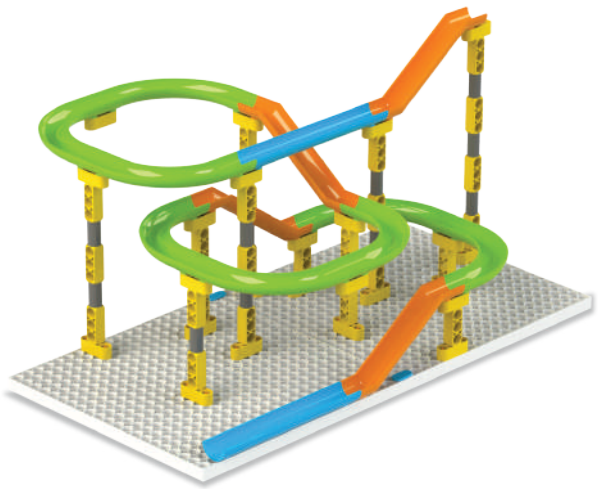












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#64873

Ages 8+

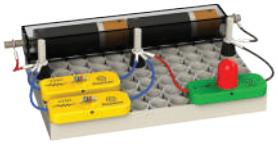
380+ Pieces

8 Models

ECIRCUITS - LIGHT







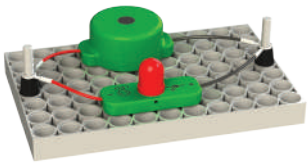


8 908021 648268
#64826

Ages 5 - 99
75 Pieces
12 Models

ECIRCUIT - SOUND







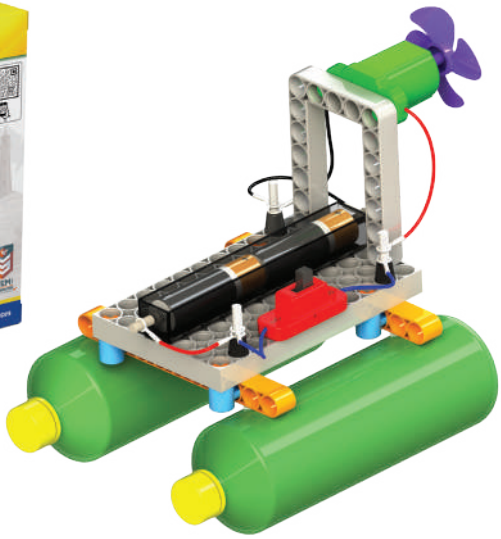


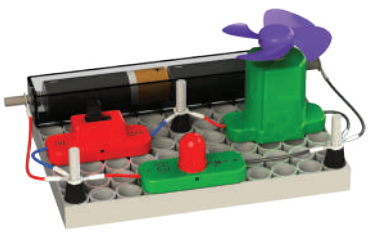
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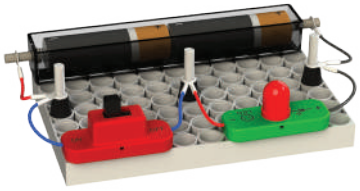
Ages 8+
18 Pieces
12 Models

ECIRCUITS - MOTION









8 908021 648251
#64825

Ages 8+
31 Pieces
10 Models

BLIX INDIVIDUAL LEVEL KITS

- Progressive, hands-on learning.
- 16 guided sessions per level.
- Easy to implement, beginner-friendly.
- Minimal teacher dependency.
- Covers mechanical, electrical, electronics, programming, robotics, and AI.
- Built for all learners

LEVEL 1



LEVEL 2



LEVEL 3



LEVEL 4



LEVEL 5



LEVEL 6



LEVEL 7

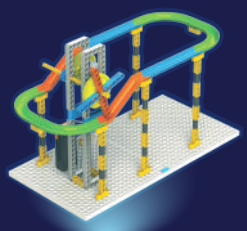


LEVEL 8

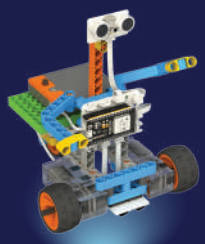


BLIX EDUCATOR KIT

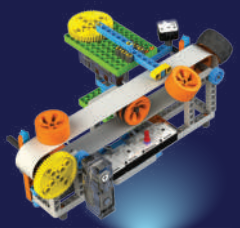
- One Kit covering 8 levels



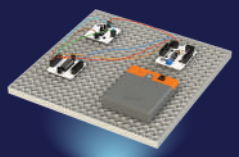
MARBLE STEM
- PHYSICS AND MECHANICS
- TRIALS AND ERRORS
- STRUCTURAL INTEGRITY



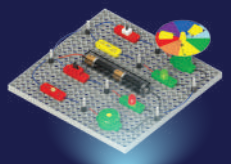
BOFFIN
- ARTIFICIAL INTELLIGENCE & MACHINE LEARNING
- C++ CODING
- BLOCK CODING
- MICROPYTHON



LOGIC BLOCKS
- SCREENLESS CODING
- LEARN ALGORITHMS
- CONVERT LOGIC TO TRUTH TABLE
- CONVERT TRUTH TABLE TO LOGIC



DISCOVERING ELECTRONICS
BREADBAORD FREE ELECTRONICS
- GATES
- MUX
- 7 SEGMENT DISPLAY
- TIMER CIRCUITS



DISCOVERING ELECTRICITY
- VOLTAGE-CURRENT
- RESISTANCES
- ELECTRICAL POWER
- CAPACITANCES



DISCOVERING MOTIONS
- MOTIONS AND MECHANISMS
- MECHANICAL ADVANTAGE
- ENERGY & POWER
- FORCE



JUNIOR ELECTRONICS
- EARTHING
- RESISTANCES
- FUN GAMES WITH QUEAKY



FEATURES

- Dedicated curriculum for grades 1-8
- Easy train the trainer program over Blix LMS
- Focus on foundational learning
- Combination of mechanical, electrical,electronics, programming, robotics projects, artificial intelligence etc. for each grade.

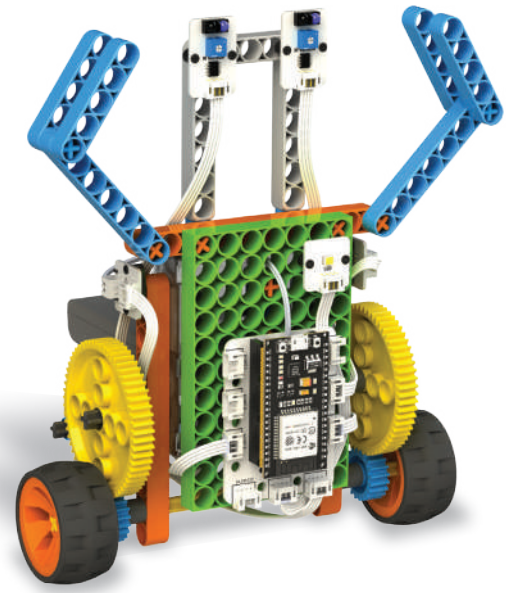


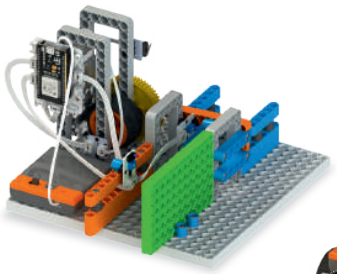
BOFFIN BASIC



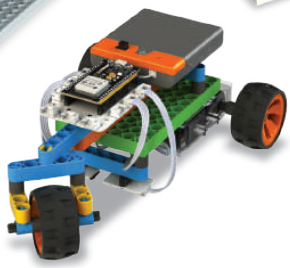
- 3 Sensors
- 3 Output Devices
- 2 DC motors











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#64809

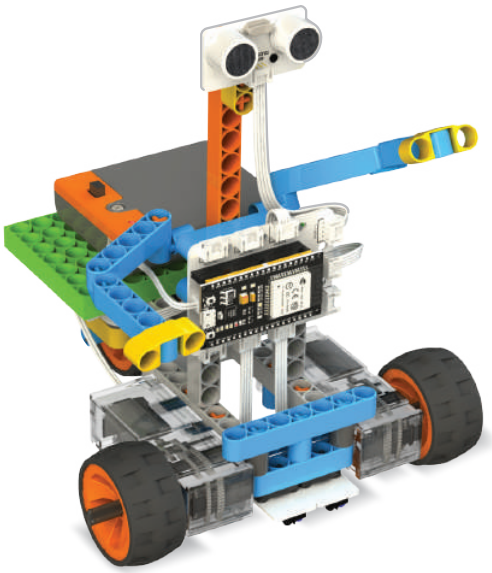
Ages 8+
155+ Pieces
15+ Projects

BOFFIN LITE



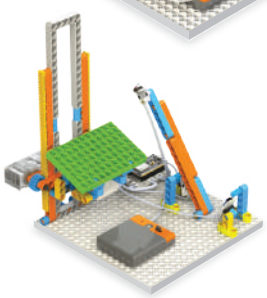
- 7 Sensors
- 4 Output Devices
- 2 DC motors
- 1 Servomotor











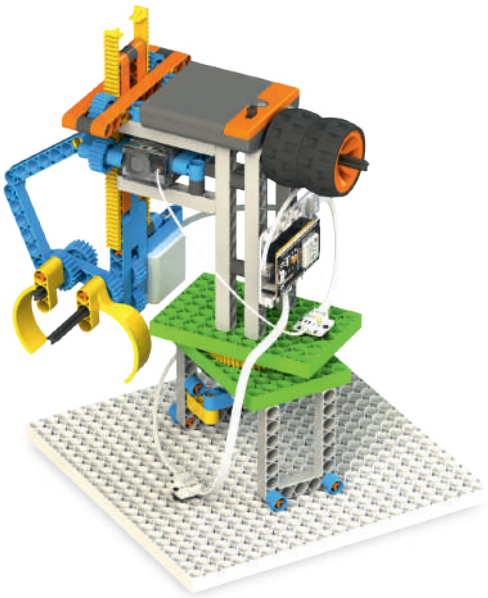
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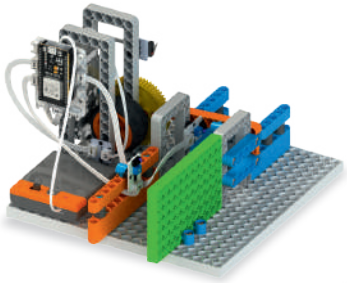
Ages 8+
215+ Pieces
30+ Projects

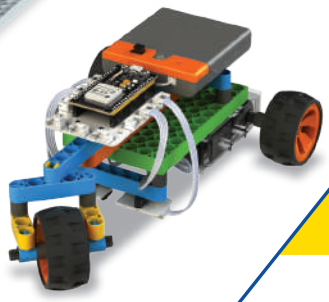
BOFFIN AI/ML











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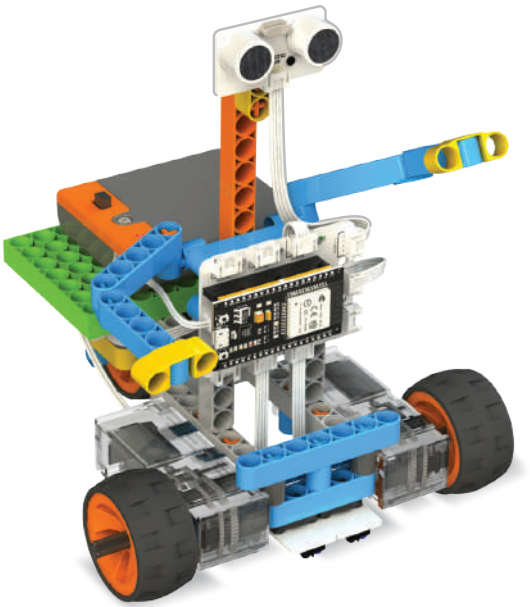
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Ages 8+
155+ Pieces
10 Projects

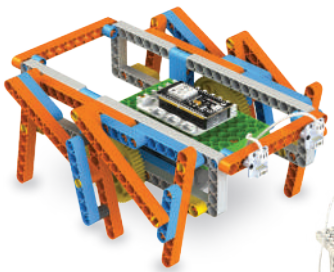
BOFFIN MASTER

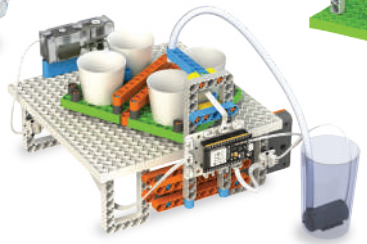












8 908021 648404

#64840

Ages 14+
600+ Pieces
100+ Projects

NOTES:

NOTES:



Blix™

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