



SNAP CIRCUITS®

BRIC LIGHT LIGHT-UP BRICKS

BUILD 10+
DIFFERENT PROJECTS*

58
PIECES

ENERGIZE YOUR BRIC BUILDING!

AGES 8 +

STEM

**All projects cannot be built simultaneously*



Model SCBRLT1

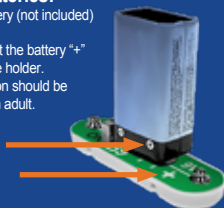
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Installing batteries:

- Insert a 9V battery (not included) in the holder.
- Be sure to orient the battery "+" as marked in the holder.
- Battery installation should be supervised by an adult.



Batteries: X1



- Use only 9V type, alkaline battery (not included).
- Insert batteries with correct polarity.
- Remove batteries when they are used up.
- Do not connect batteries or battery holders in parallel.
- Do not short circuit the battery terminals.
- Never throw batteries in a fire or attempt to open its outer casing.
- Batteries are harmful if swallowed, so keep away from small children.
- Non-rechargeable batteries should not be recharged. Rechargeable batteries should only be charged under adult supervision, and should not be recharged while in the product.

BRIC LIGHT

LIGHT-UP BRICKS

- Energize your BRIC projects
- Add LED BRICs to other brick projects
- In this kit Build 10+ different projects
- 58 pieces



Parts List

Qty	Symbol	NAME	Part #
○ 8		Brick 1x2	6BR1X2W
○ 6		Brick 1x3	6BR1X3W
○ 6		Brick 1x4	6BR1X4W
○ 4		Brick 1x6	6BR1X6W
○ 2		Brick 2x4	6BR2X4W
○ 4		Brick 2x2 Bevel	6BR2X2BBK
○ 4		Brick2snap 1x1	6BRA1X1
○ 1		LED Brick Blue	6BRLED2X4BL

Qty	Symbol	NAME	Part #
○ 1		LED Brick Red	6BRLED2X4RD
○ 2		LED Brick Yellow	6BRLED2X4YW
○ 4		Wheel	6BRHUB1
○ 1		Plate 8x16	6BRP8X16BK
○ 4		Tire	6BRTIRE1
○ 4		Wheel-mount 2x2	6BRWM2X2BK
○ 1		Battery Holder	6SCB11
○ 3		Wire, White	6SCJ3F
○ 3		Wire, Blue	6SCJ4



How it works:

Unleash your creativity by activating your brick builds with LEDs.

A LED is a Light Emitting Diode. A tiny crystal inside the LED glows when electricity passes through it. The color of the LED depends on the material used to make the crystal. In this kit you will have three LEDs that make yellow, blue, and red light. The battery module (part B11) provides the power to turn on the LEDs.

In the builds, the LED bricks can be connected to the battery in two main ways; 1) In series (one after the other) or 2) In parallel (each LED connected independently to the battery). When the LEDs are connected in parallel wiring, the LED will be at its brightest. When the LEDs are connected in series, they will be dimmer because the battery voltage is divided between all the lights.

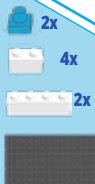
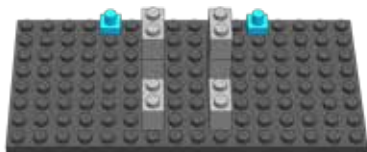
Let's get creating and lighting up BRIC builds!

Colors and styles of parts may vary. | Important: If any parts are missing or damaged, DO NOT RETURN TO RETAILER. Visit www.elenco.com/replacement-parts/ or e-mail us at: support@elenco.com.

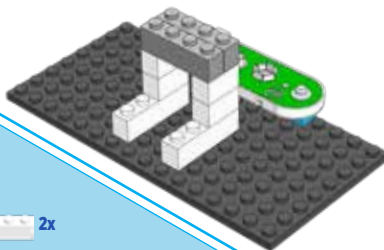
Build 1: Robot 1

For all builds: Assemble and connect all wires as shown (LEDs are polarized).

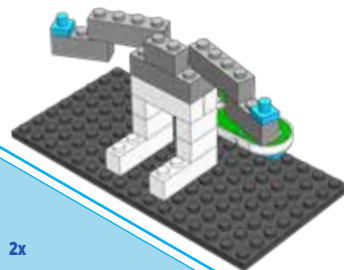
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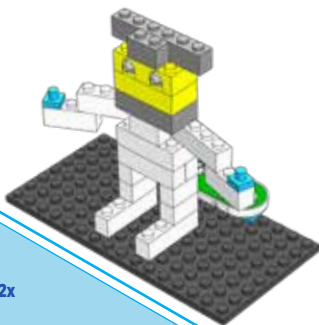
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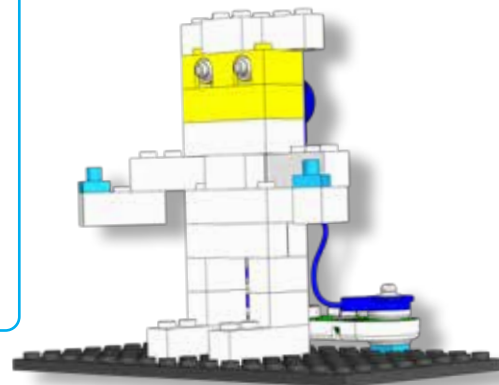
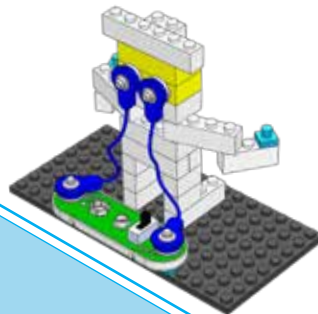
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4



5



Build 2: Robot 2

1

2x

4x



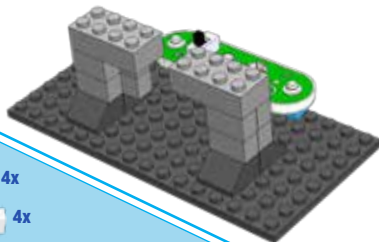
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4x

4x



2x



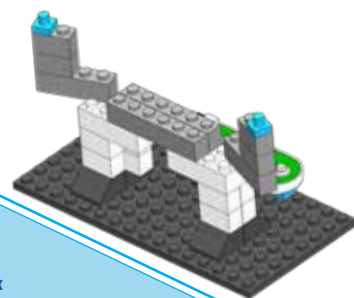
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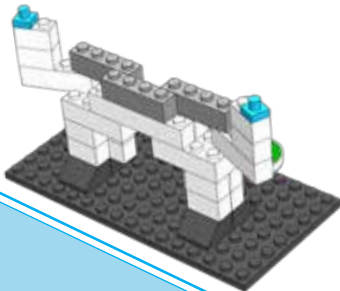
2x

2x



4

3x



5

2x

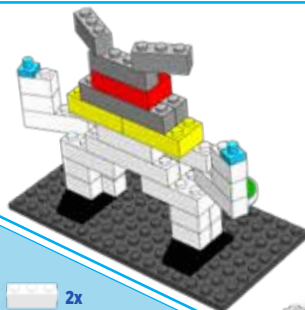
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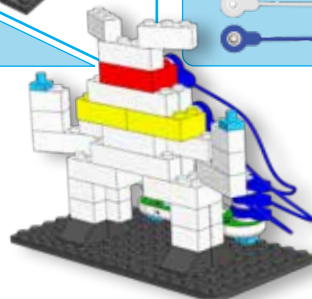
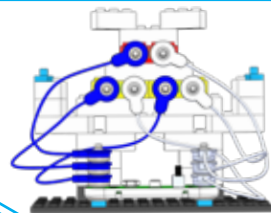
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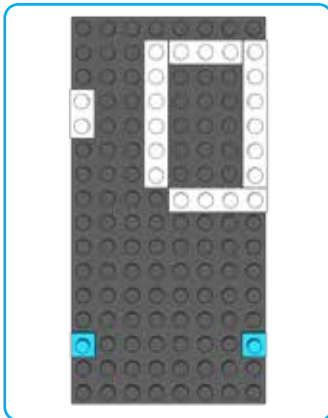
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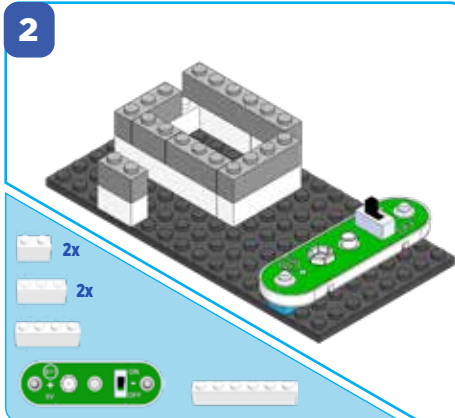


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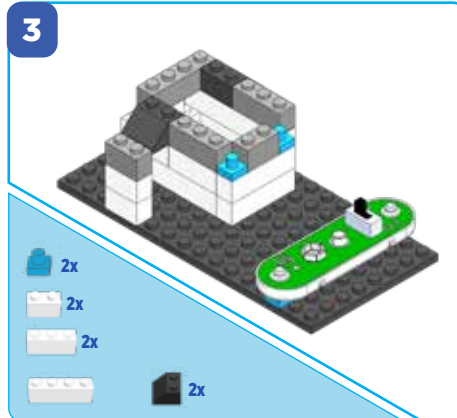
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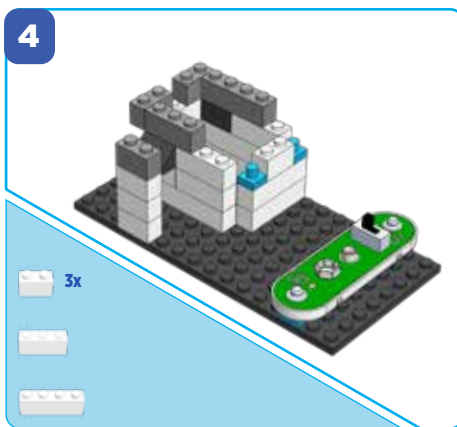
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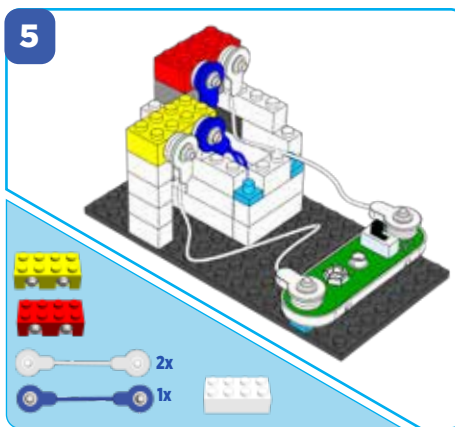
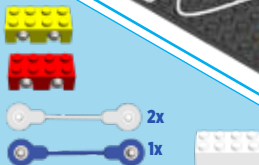
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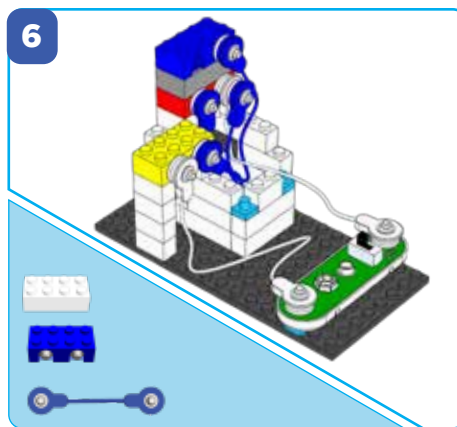
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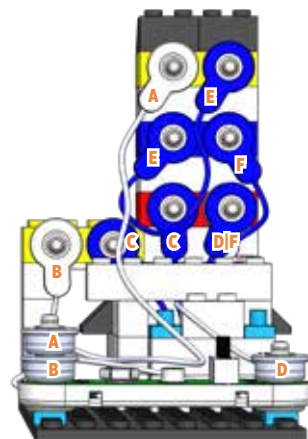
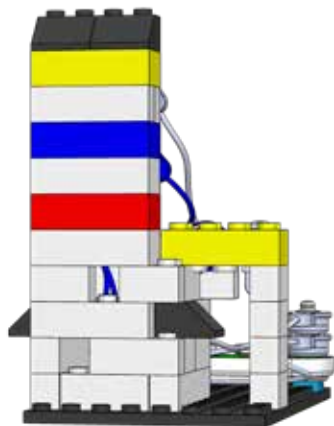
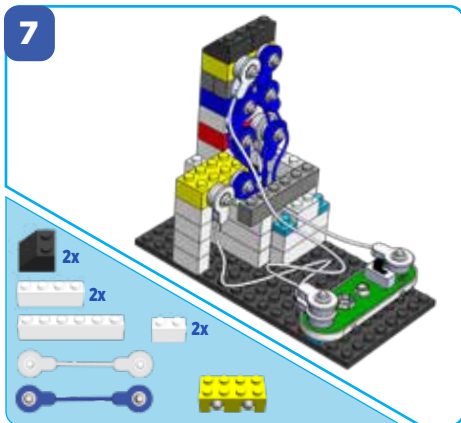
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6



7



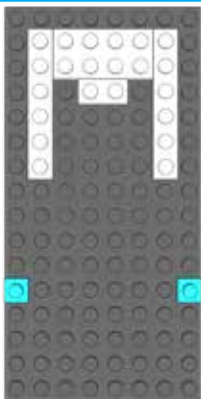
Build 4: Tower 2

1

2x



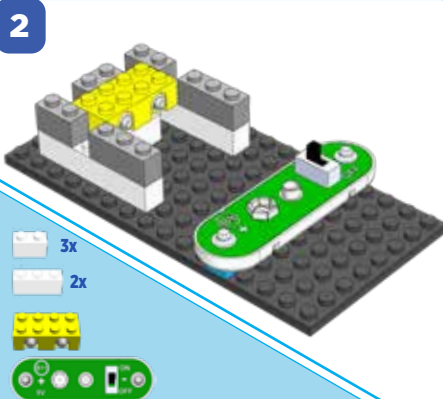
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2

3x

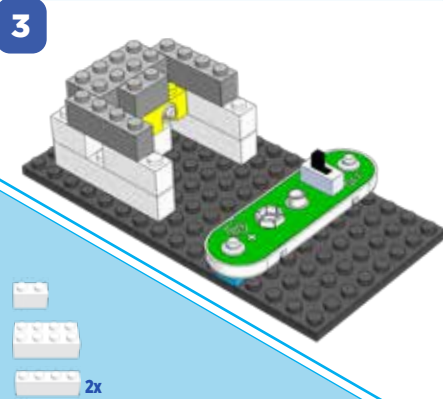
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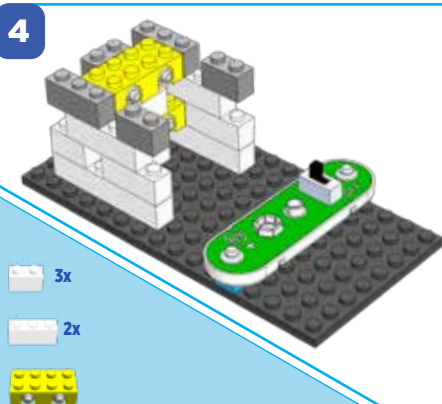
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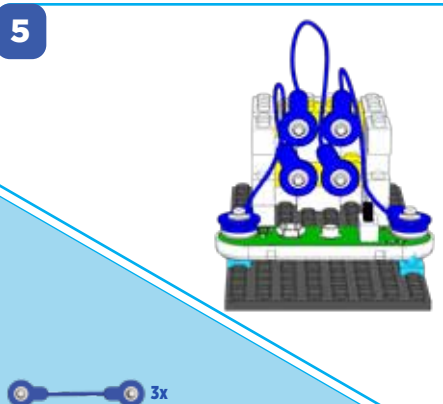
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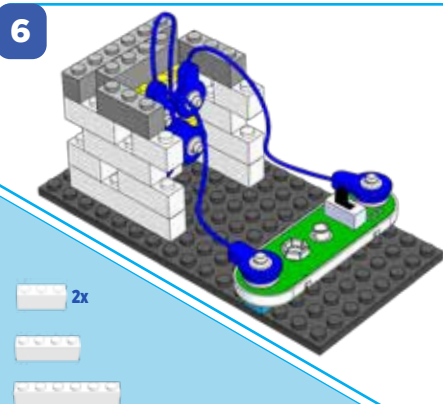
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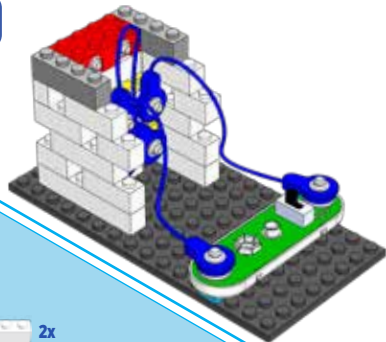


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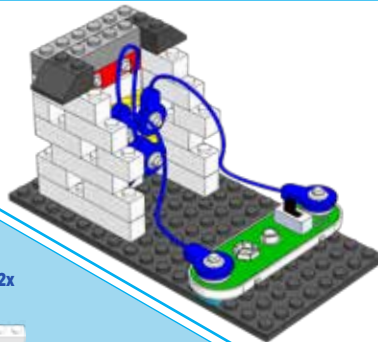
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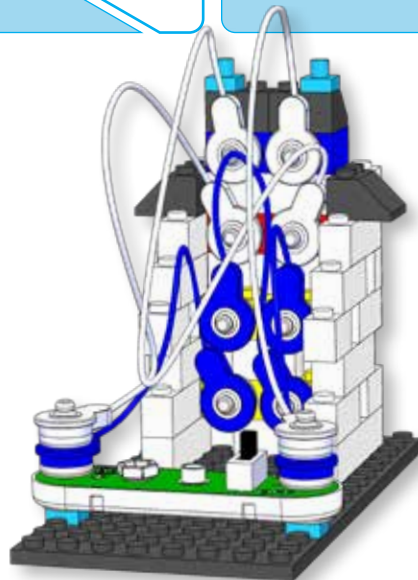
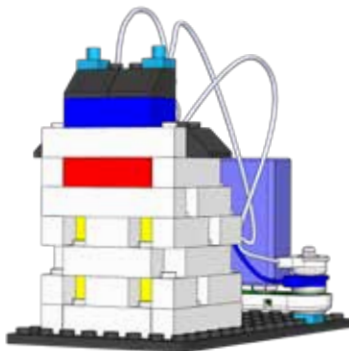
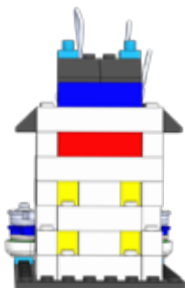
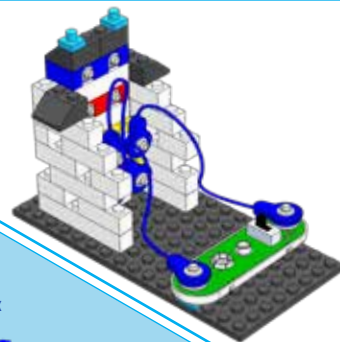
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8



9



10



Build 5: Building 1

1

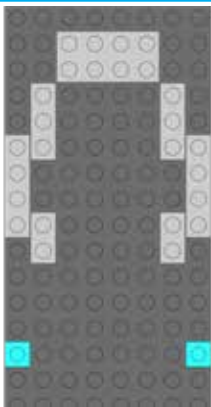
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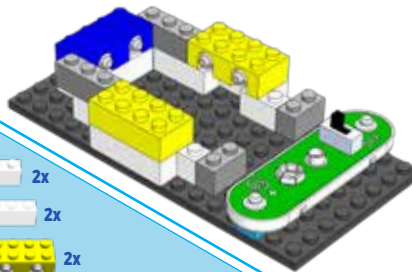


2

2x

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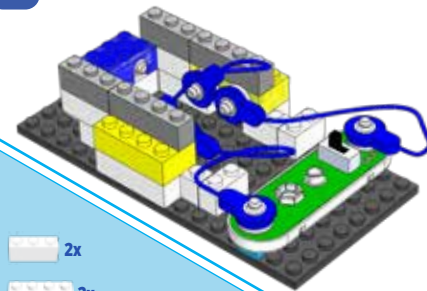


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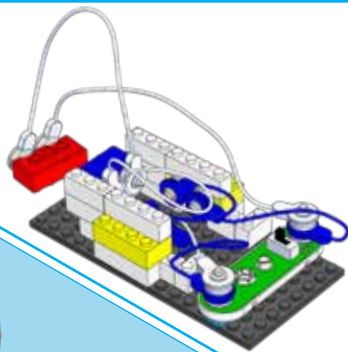
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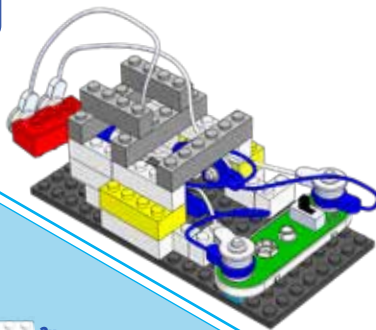
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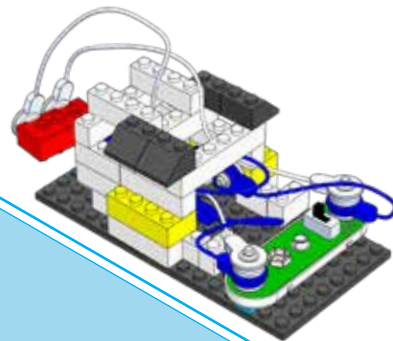
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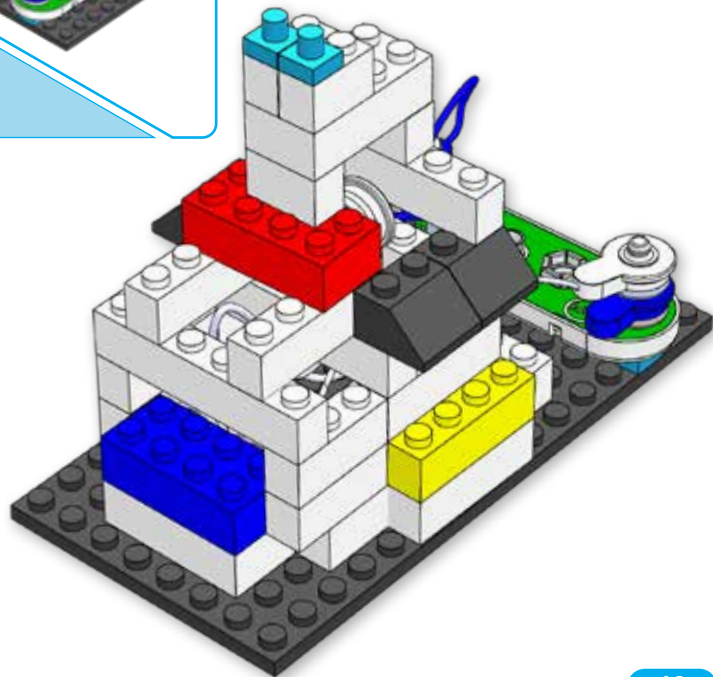
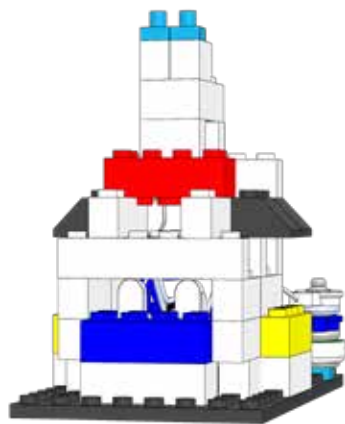
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2x



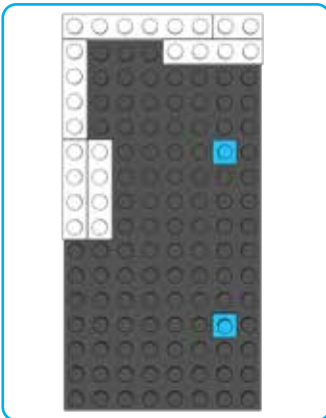
Build 6: Building 2

1

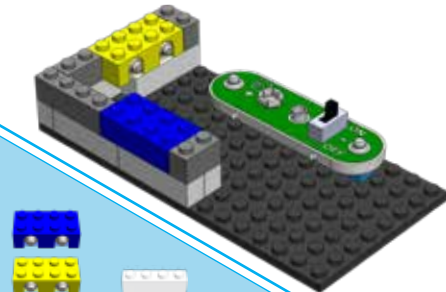
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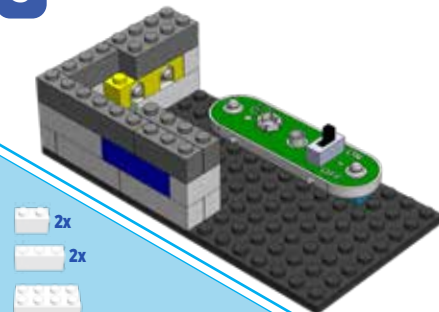


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3

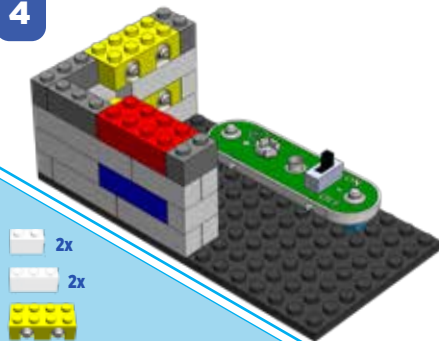


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2x



4

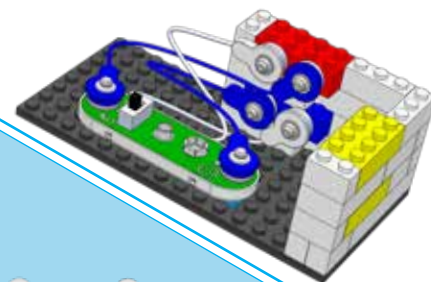


2x

2x



5



2x

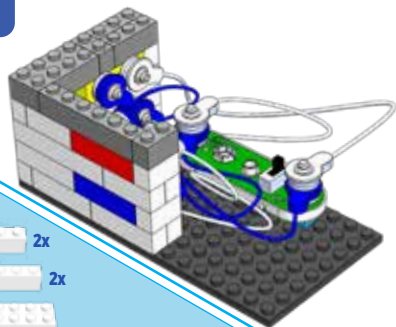
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2x



7

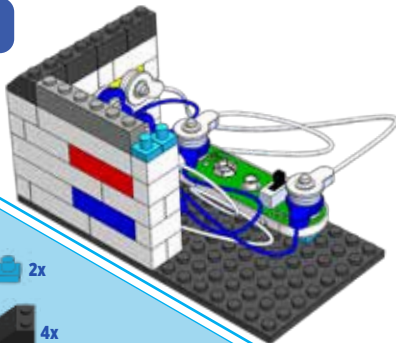


2x

2x

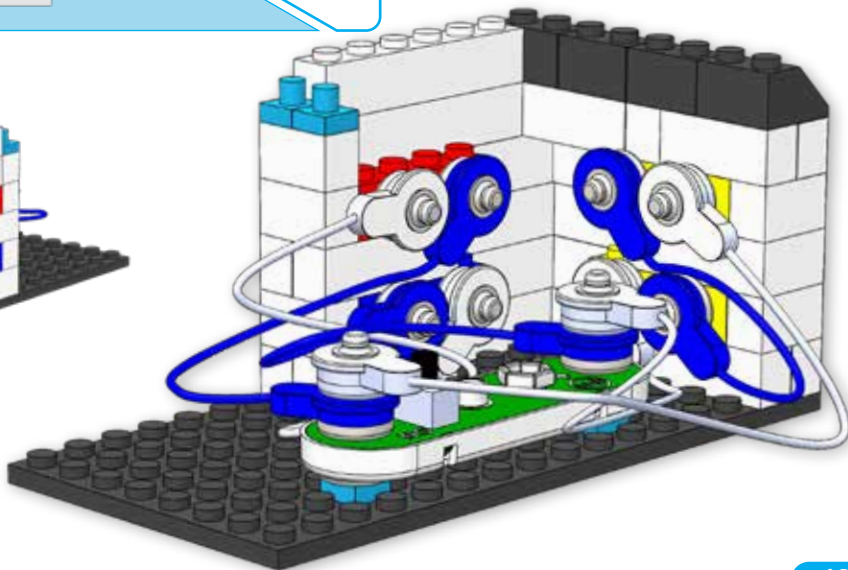
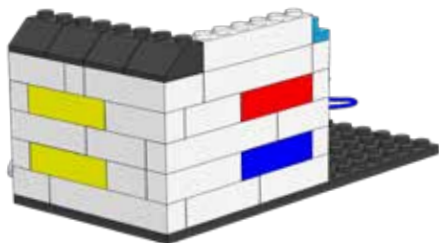


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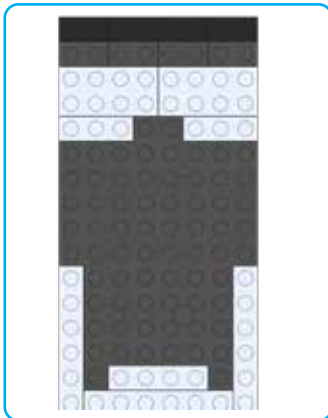
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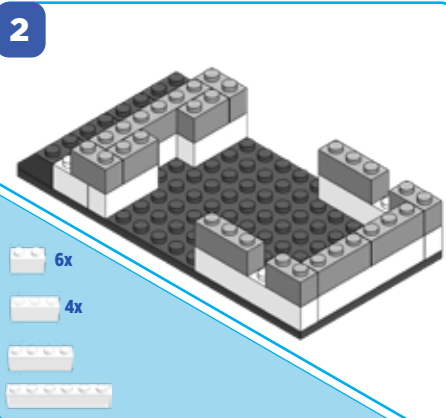
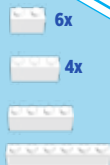


Build 7: Auto 1

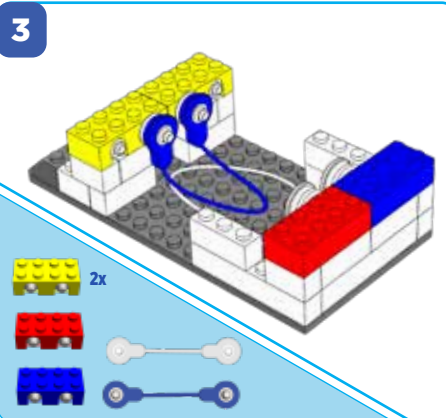
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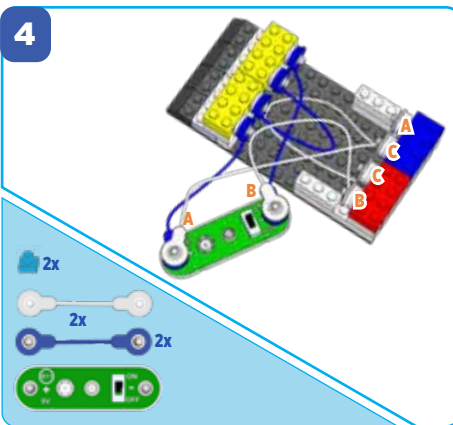
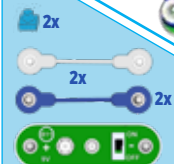
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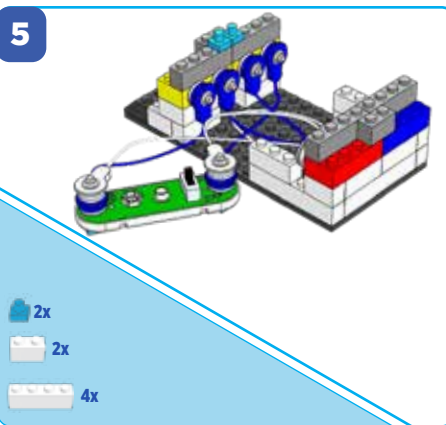
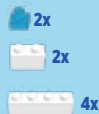
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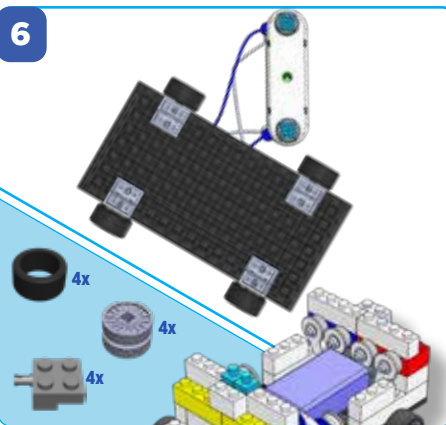
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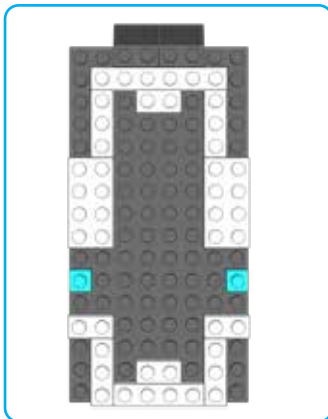
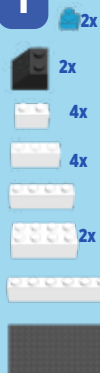


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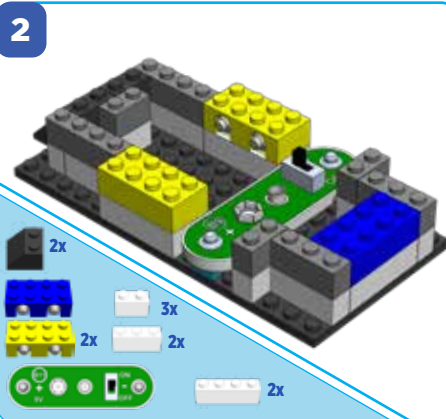


Build 8: Auto 2

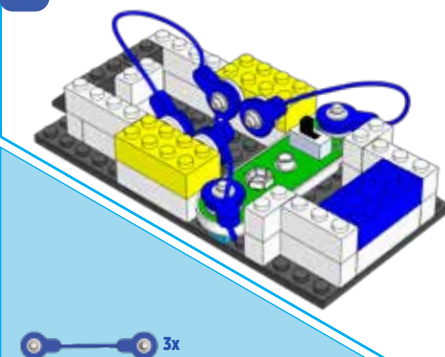
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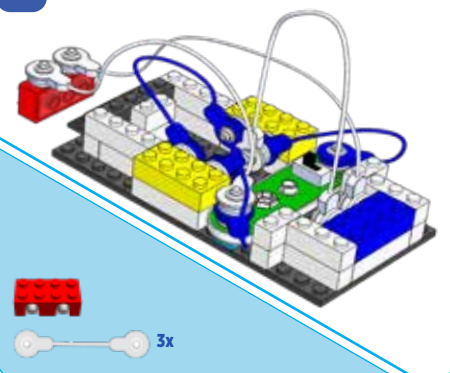
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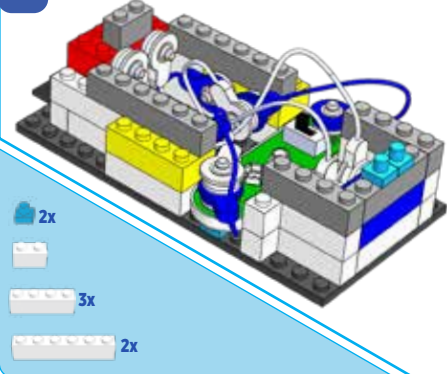
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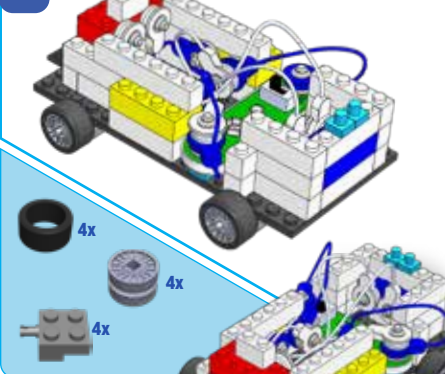
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5



6



Build 9: Auto 3

1

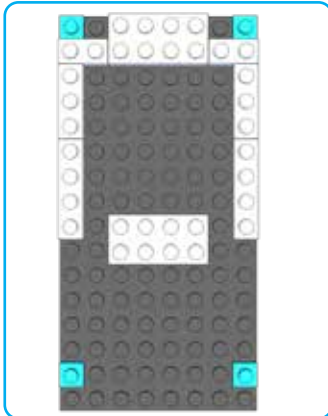
4x

2x

2x

2x

2x



2

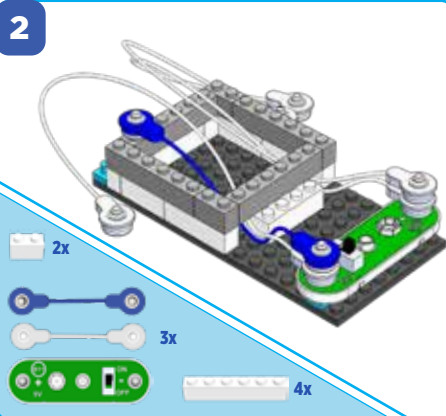
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3x



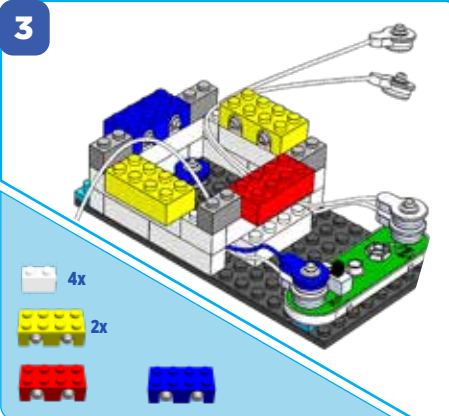
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3

4x

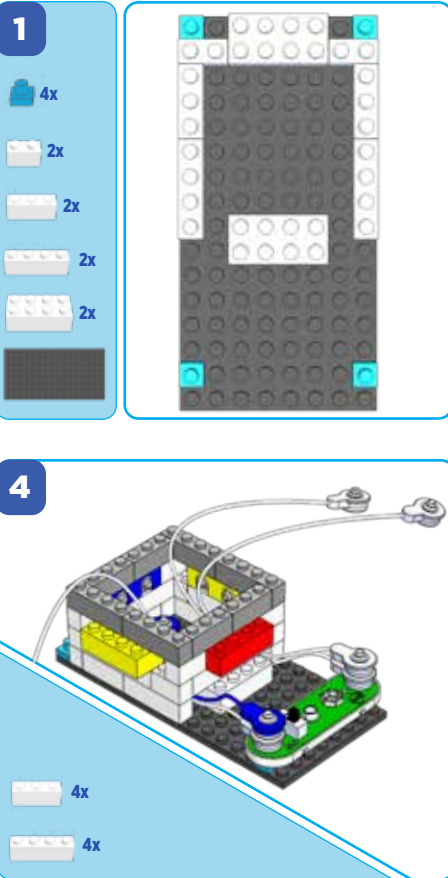
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4

4x

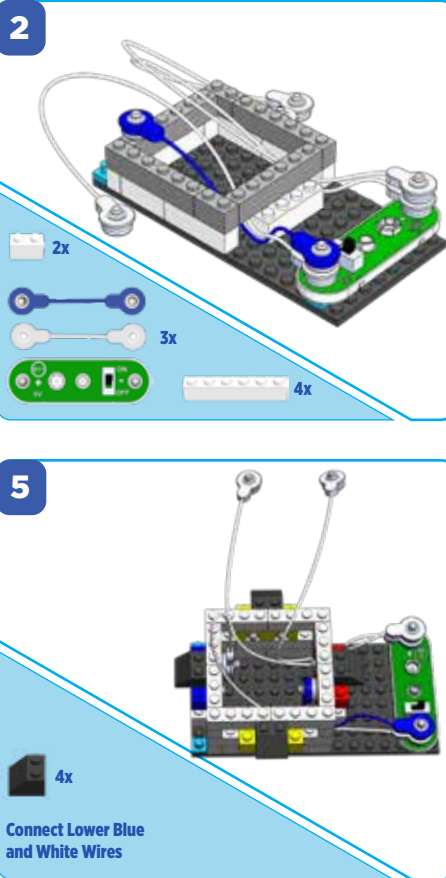
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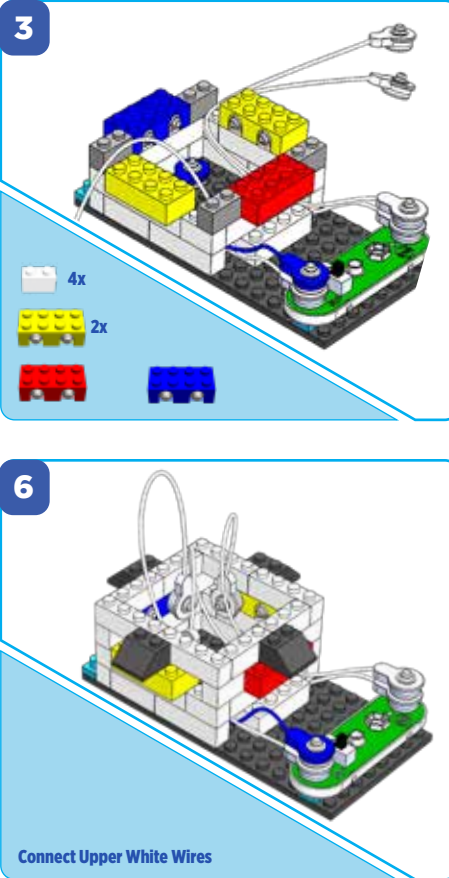
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Connect Lower Blue
and White Wires

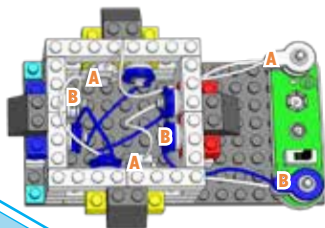


6

Connect Upper White Wires



7



8



4x



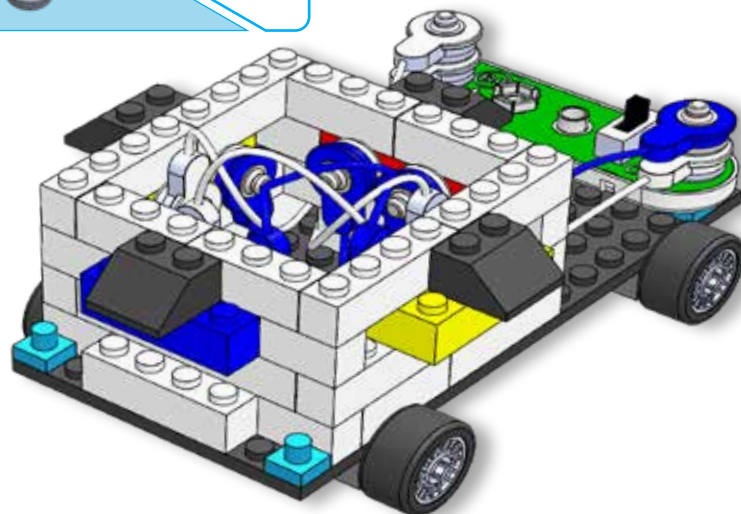
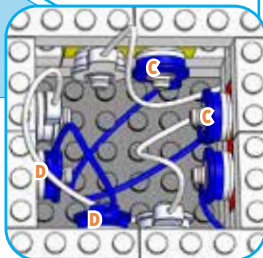
4x



4x



2x



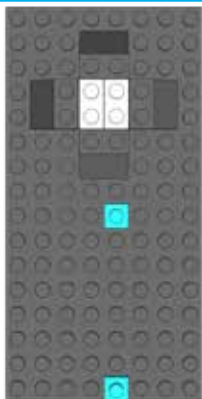
Build 10: Tree

1

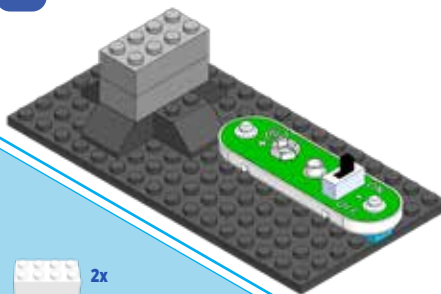
2x

2x

4x



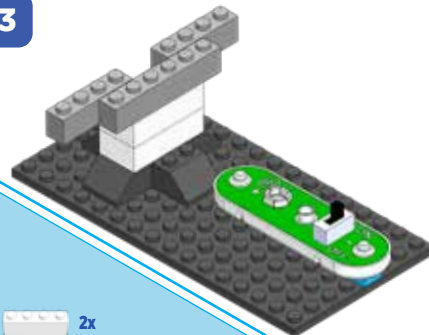
2



2x



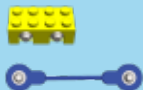
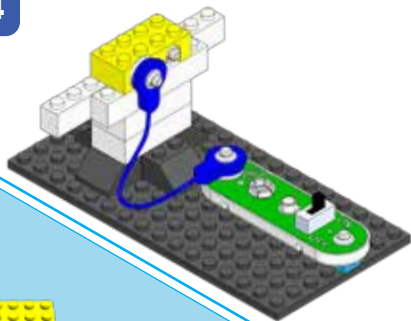
3



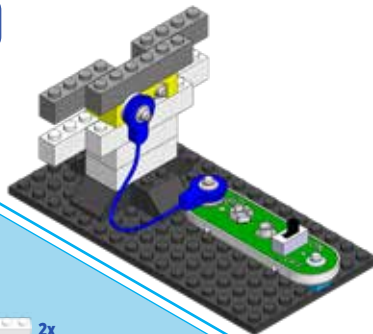
2x



4



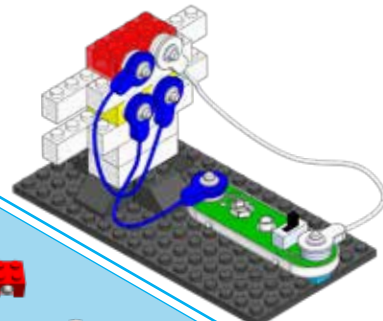
5

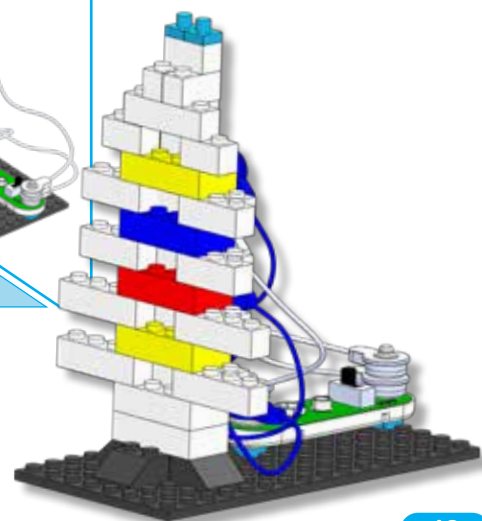
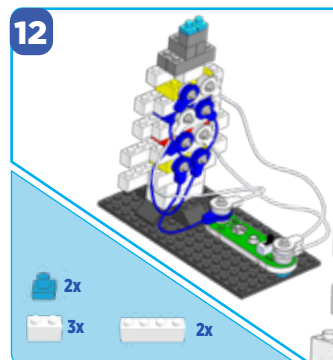
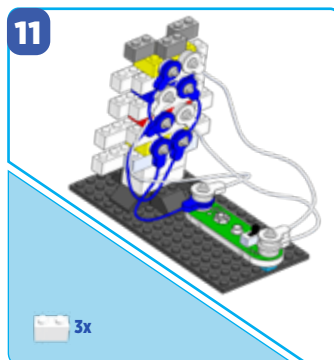
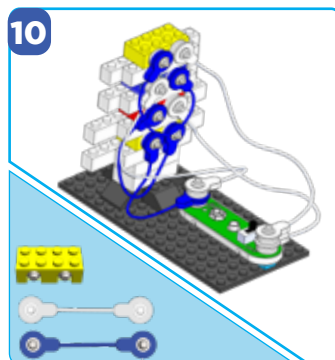
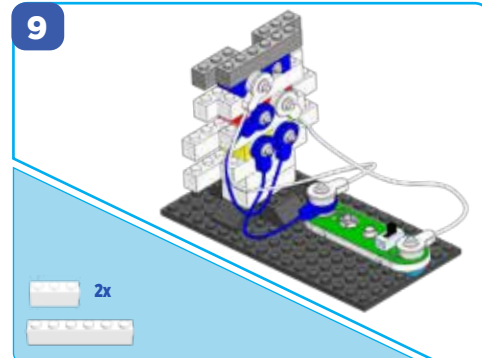
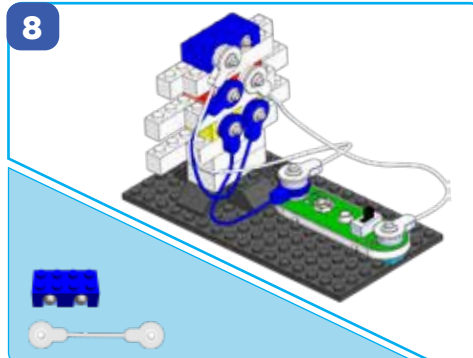
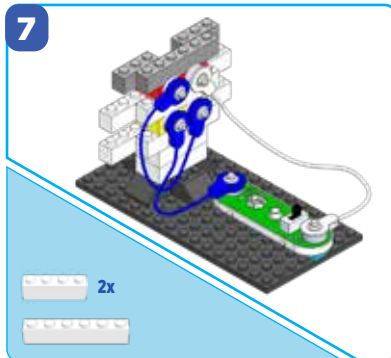


2x



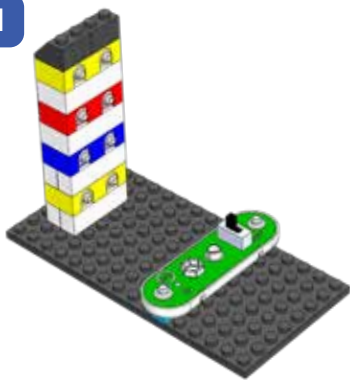
6



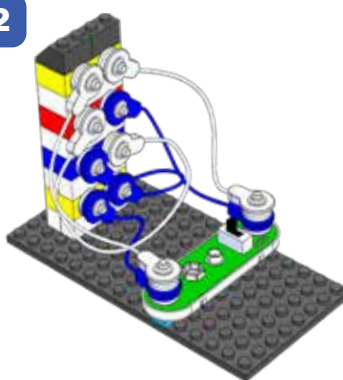


Build 11: Bonus

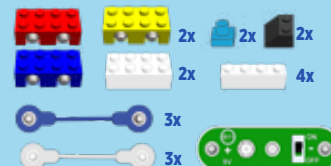
1



2



In this build, the top LED brick is the brightest because it is connected directly across the battery (**parallel wiring**). The lower 3 LED bricks are dimmer because they are connected in a **series wiring pattern** across the battery, so the battery voltage is split between them.



WARNING: This toy products flashes that may trigger epilepsy in sensitized individuals.

Adult Supervision: Because children's abilities vary so much, even with age groups, adults should exercise discretion as to which experiments are suitable and safe (the instructions should enable supervising adults to establish the experiment's suitability for the child). Make sure your child reads and follows all of the relevant instructions and safety procedures, and keeps them at hand for reference. This product is intended for use by adults and children who have attained sufficient maturity to read and follow directions and warnings.



WARNING: SHOCK HAZARD -

Never connect Snap Circuits® to the electrical outlets in your home in any way!

IMPORTANT:

If any parts are missing or damaged,

DO NOT RETURN TO RETAILER.

e-mail us at: support@elenco.com.

You may order additional / replacement parts:
elenco.com/replacement-parts

WARNING: Always check your wiring before turning on a circuit. Never leave a circuit unattended while the batteries are installed. Never connect additional batteries or any other power sources to your circuits.



WARNING: CHOKING HAZARD -

Small parts. Not for children under 3 years.

This instruction manual must be retained since it contains important information.

If you have any problems, contact: ELENCO® ELECTRONICS, LLC

150 Carpenter Ave. Wheeling, IL 60090 | (800) 533-2441 | e-mail: support@elenco.com | elenco.com

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Conforms to all applicable U.S. government requirements and CAN ICES-3 (B)/NMB-3 (B).

Model: SCBRLT1 | Part # 753066