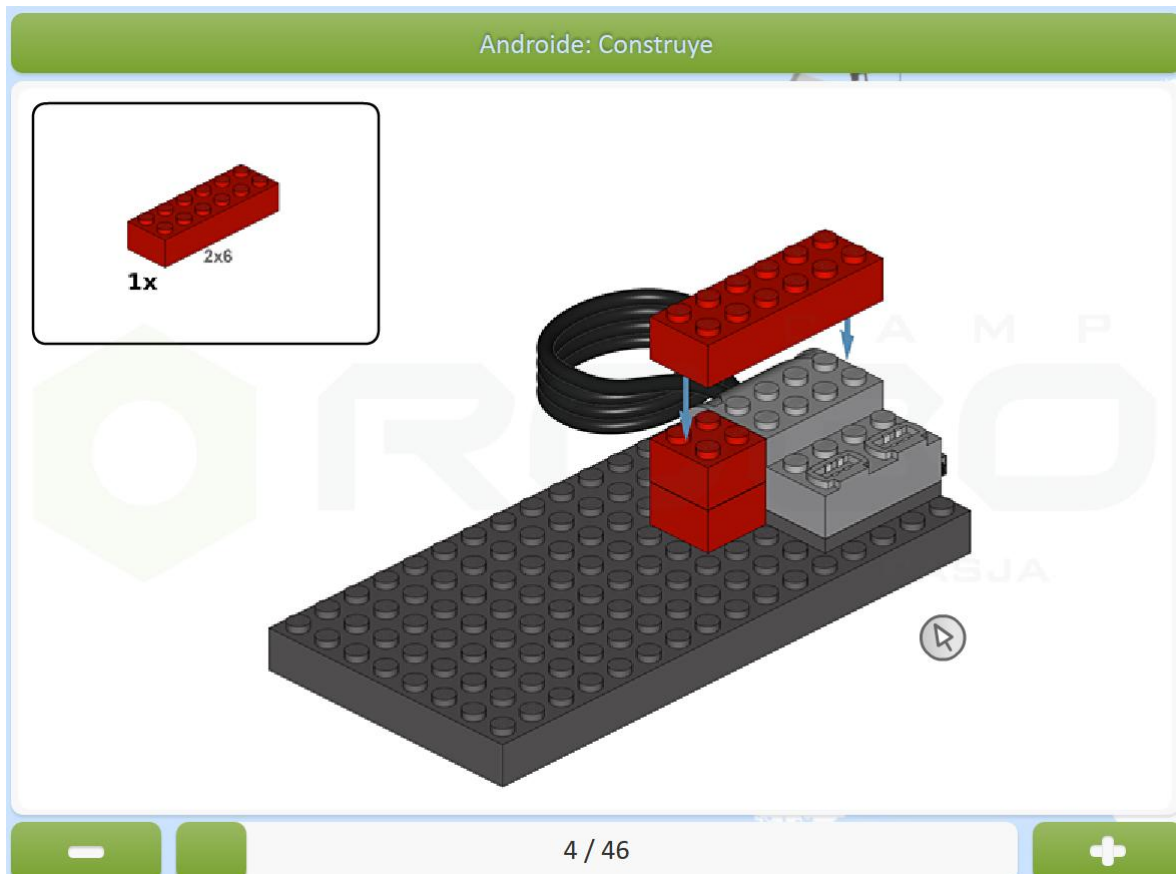
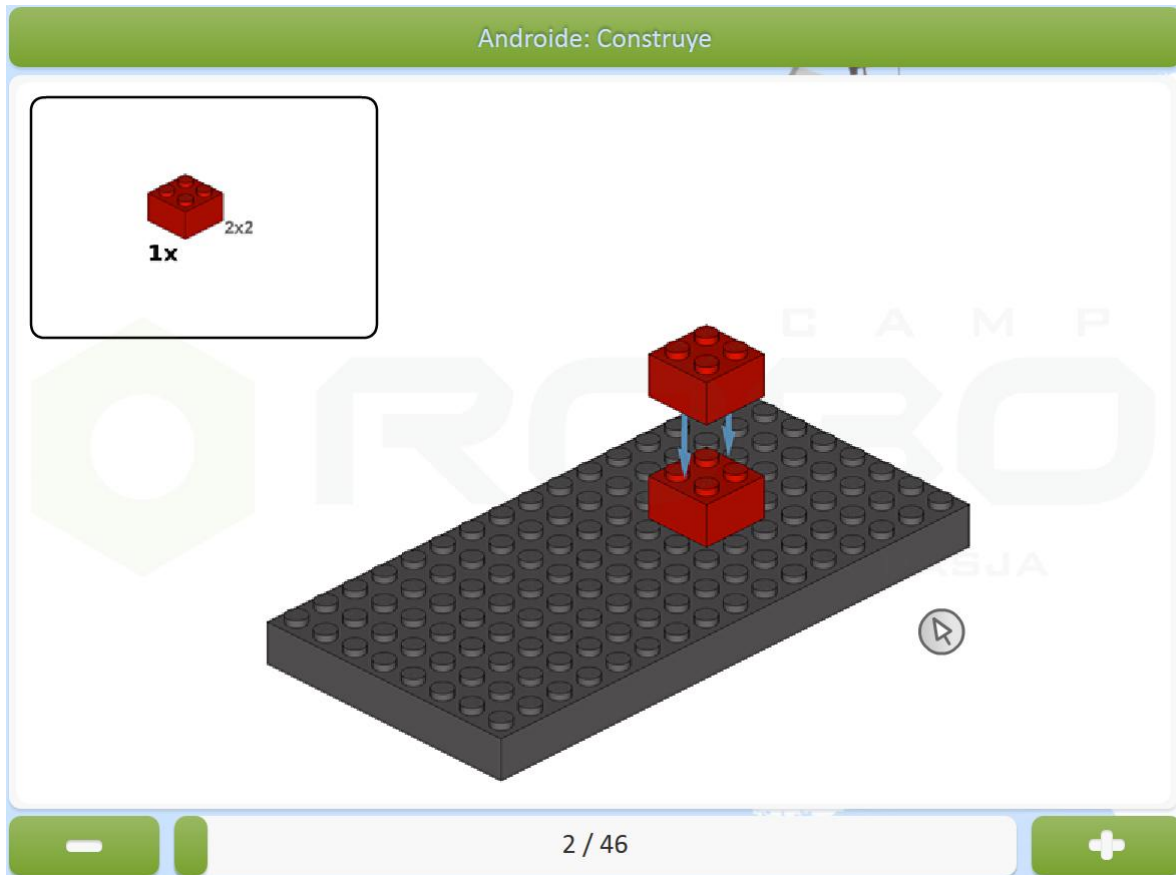


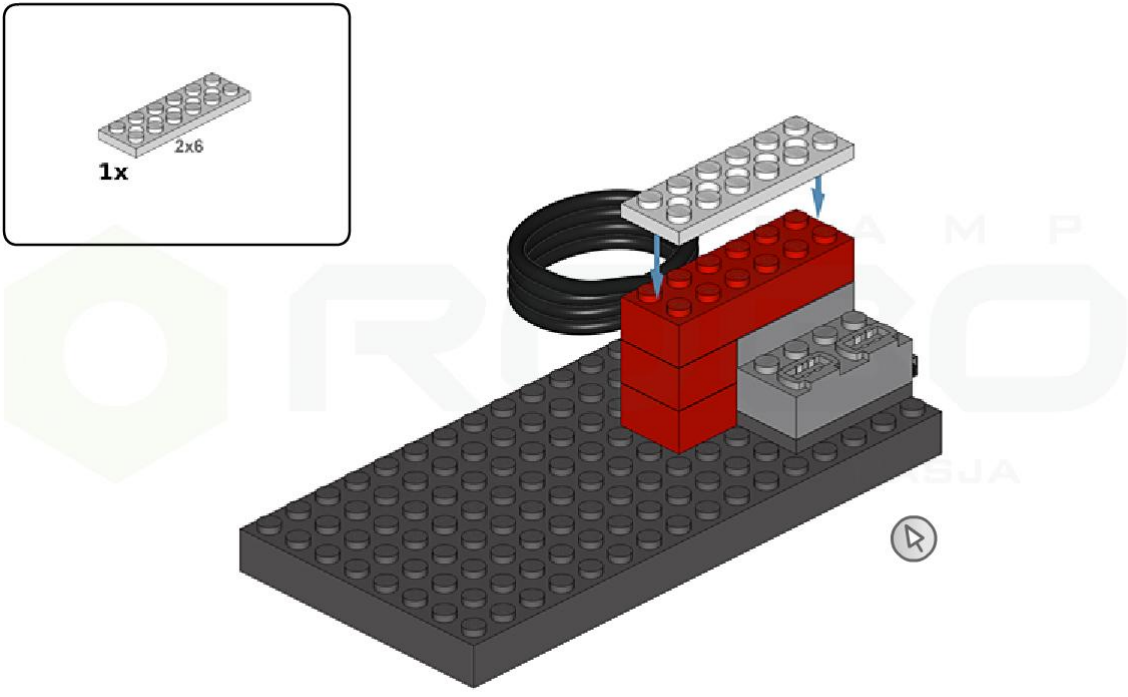
Androide (WeDo)

Montaje



Androide (WeDo)

Androide: Construye

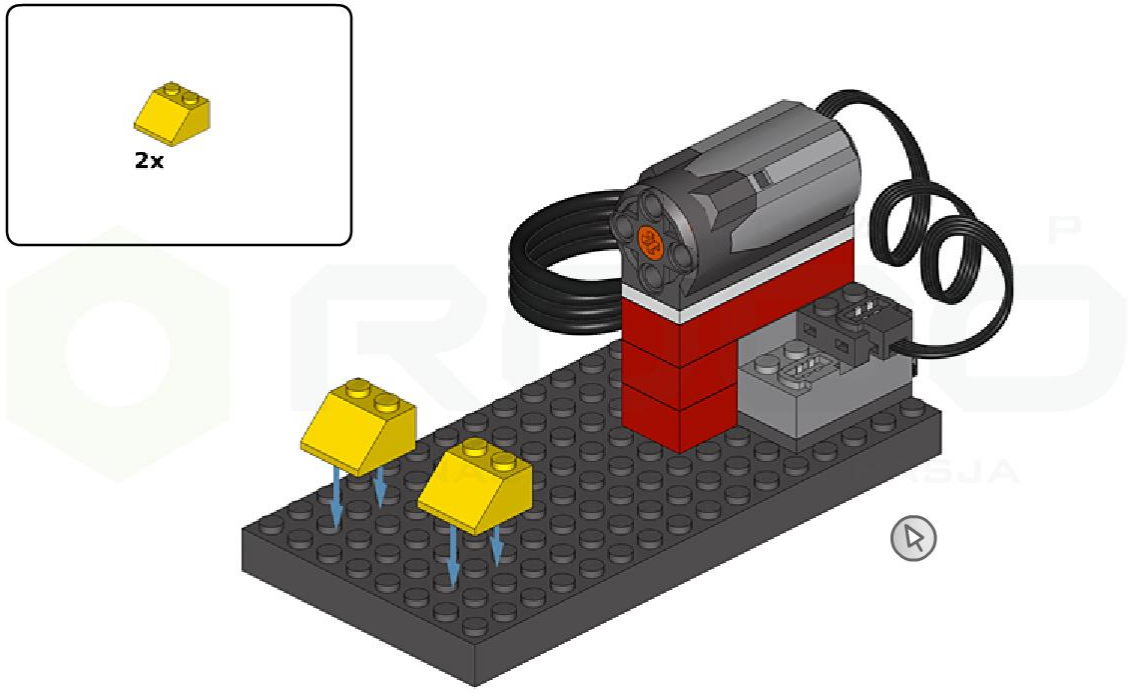


1x

2x6

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Androide: Construye

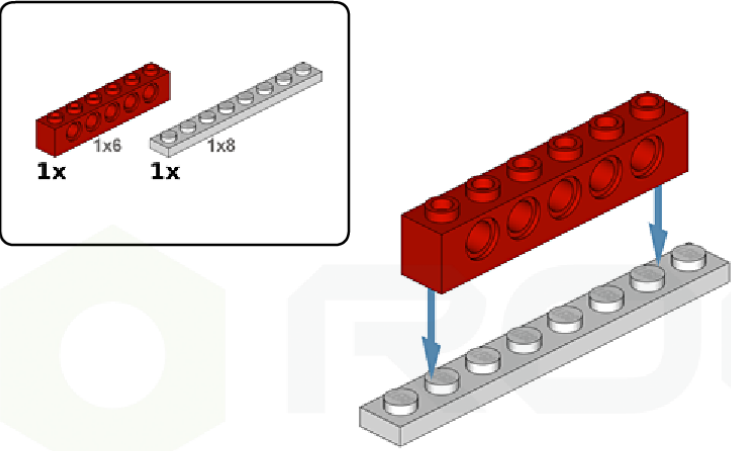


2x

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Androide (WeDo)

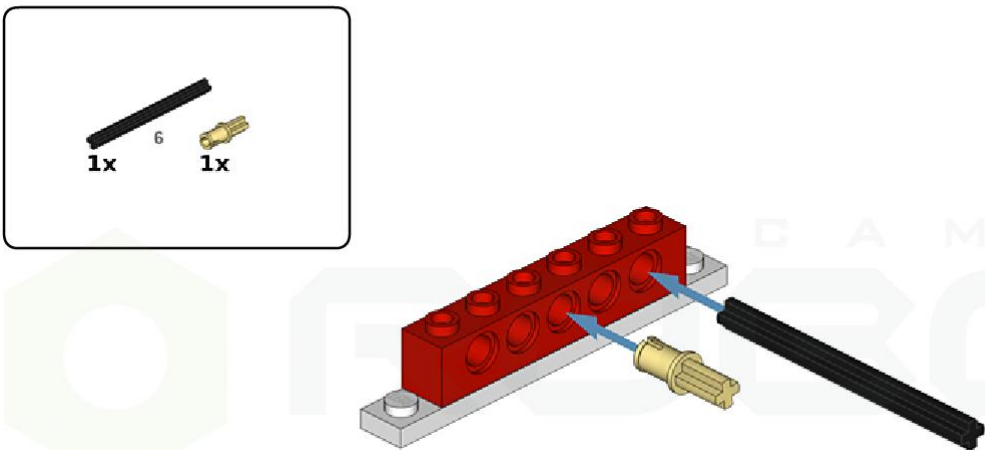
Androide: Construye



1x 1x6 1x 1x8

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Androide: Construye

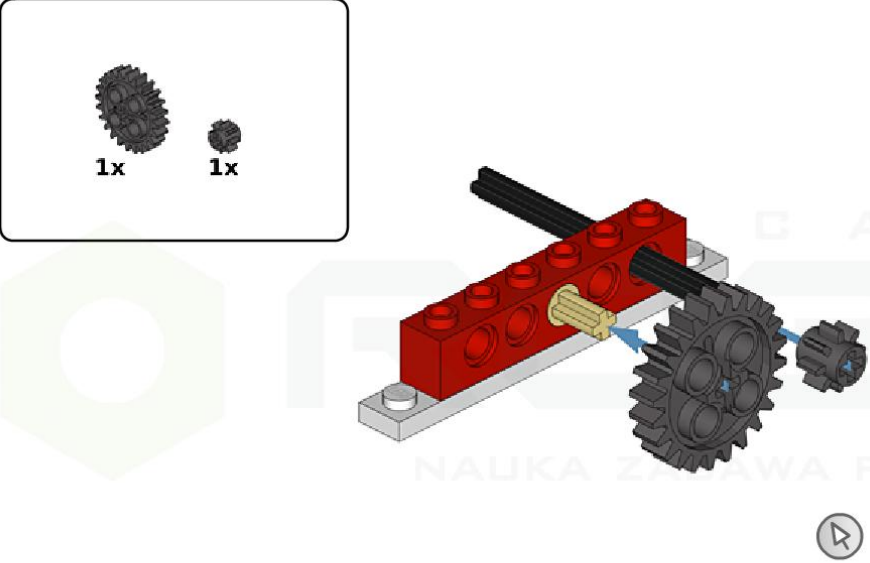


1x 6 1x

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Androide (WeDo)

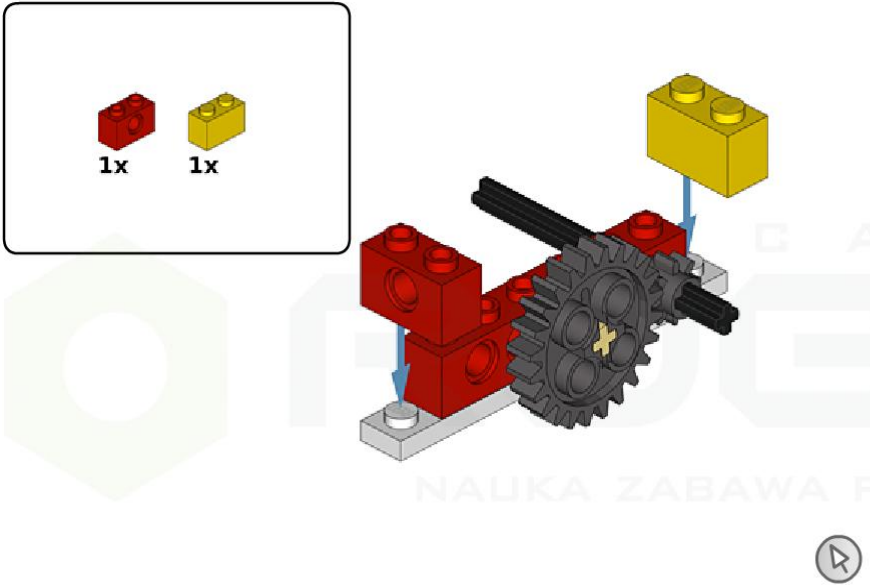
Androide: Construye



1x 1x

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Androide: Construye



1x 1x

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Androide (WeDo)

Androide: Construye

1x 1x8 1x 1x4

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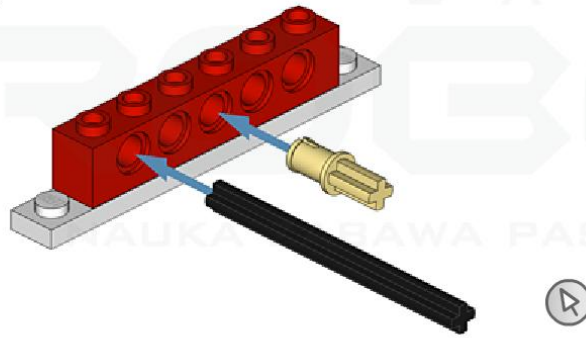
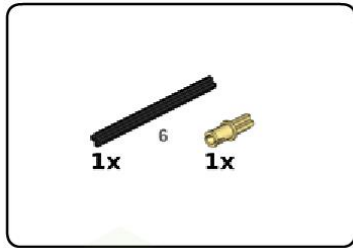
Androide: Construye

2x

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Androide (WeDo)

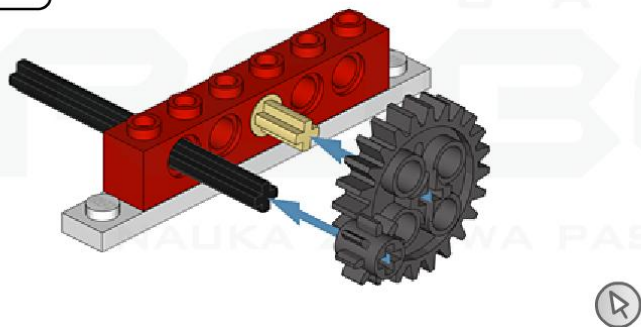
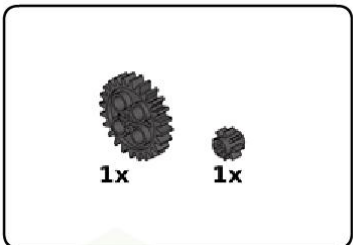
Androide: Construye



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Androide: Construye

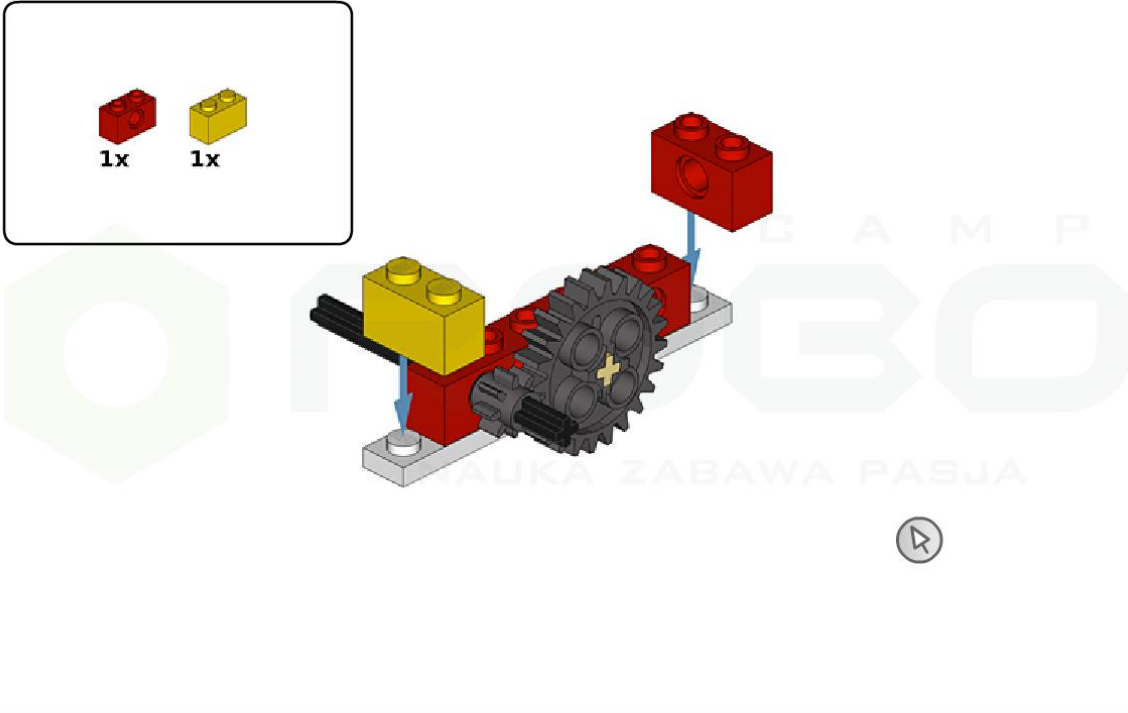


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Androide (WeDo)

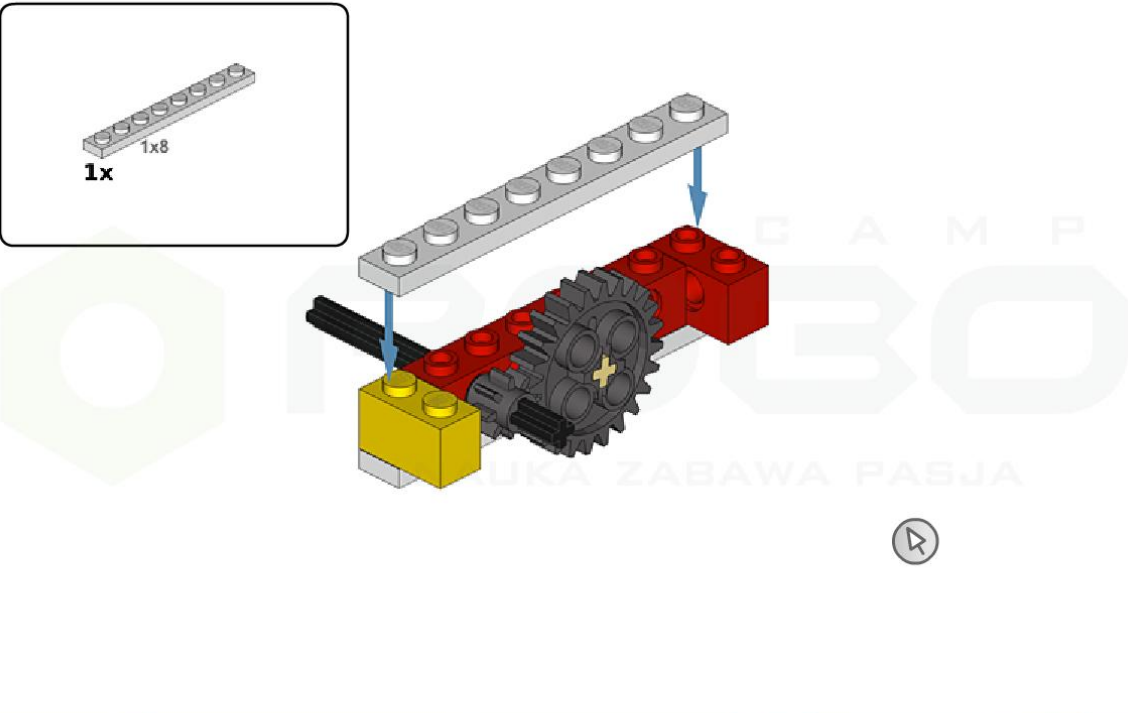
Androide: Construye



1x 1x

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Androide: Construye

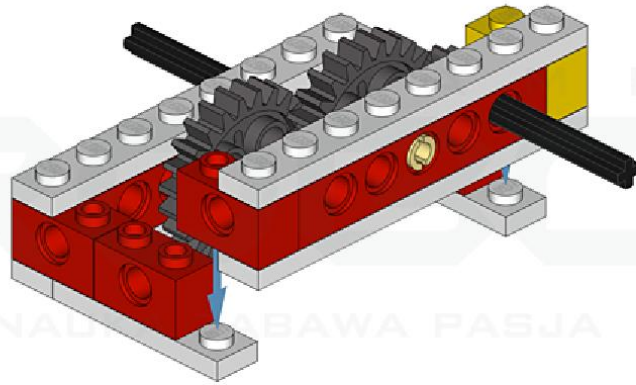
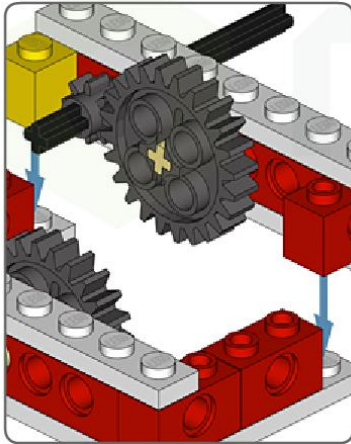
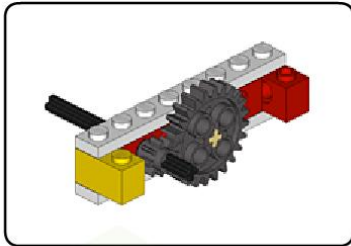


1x 1x8

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Androide (WeDo)

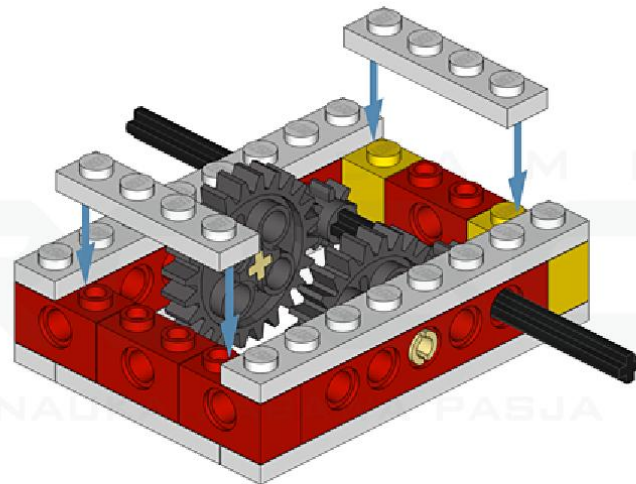
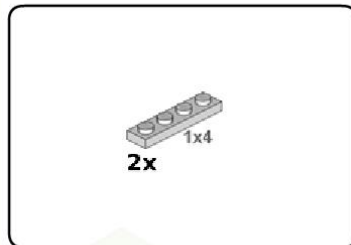
Androide: Construye



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Androide: Construye

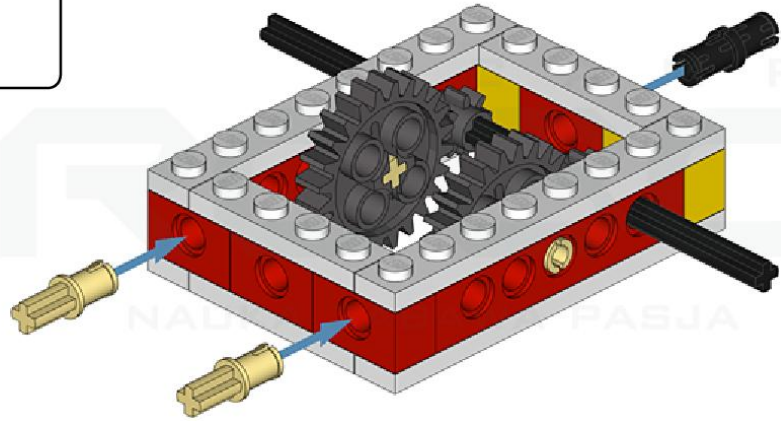
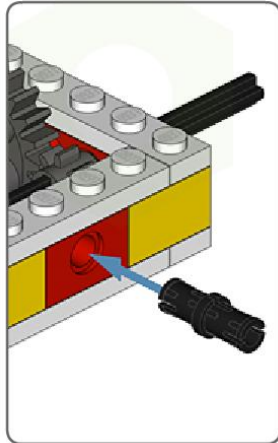
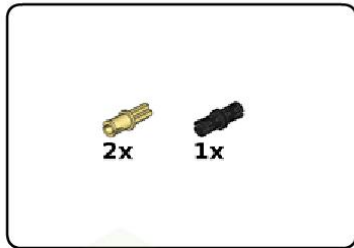


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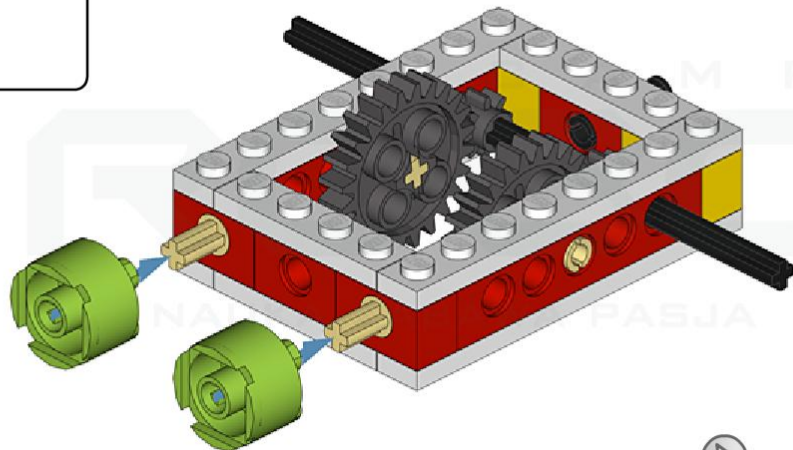
Androide (WeDo)

Androide: Construye



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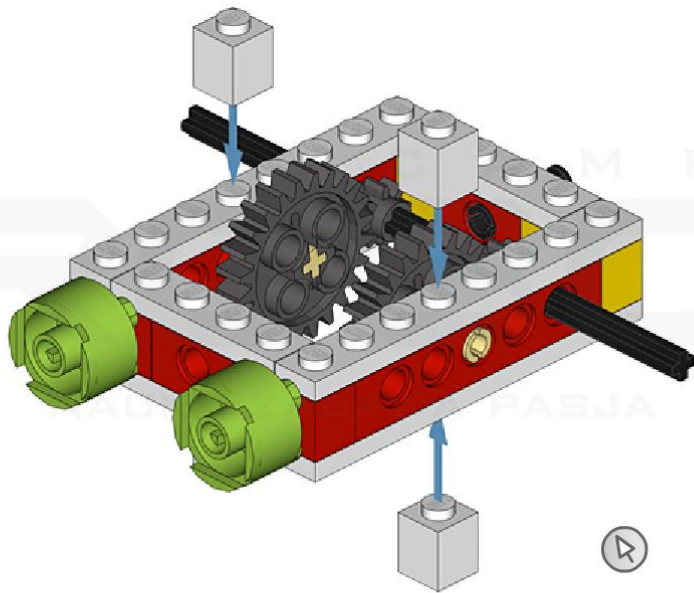
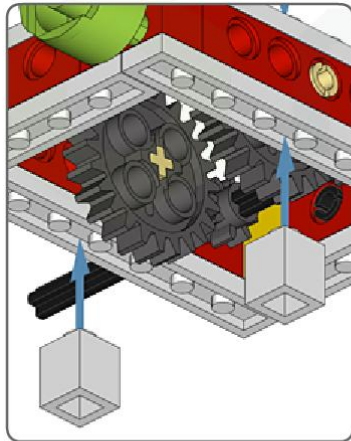
Androide: Construye



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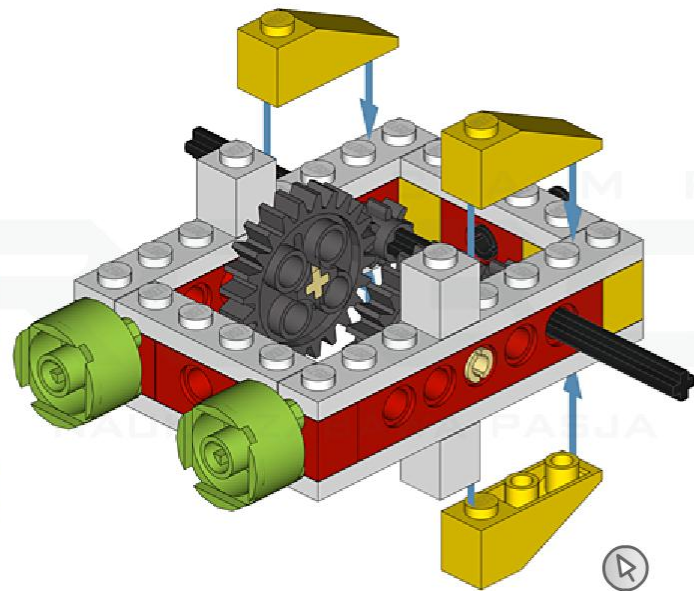
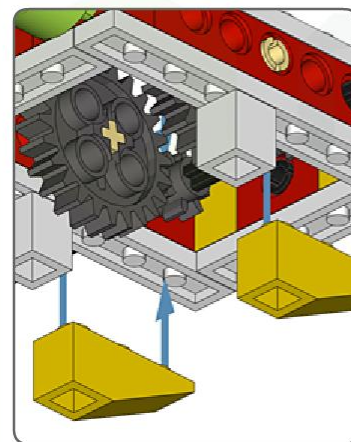
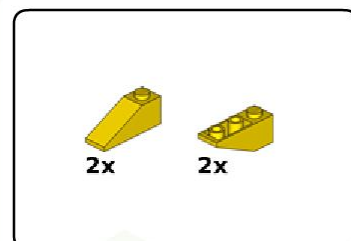
Androide (WeDo)

Androide: Construye



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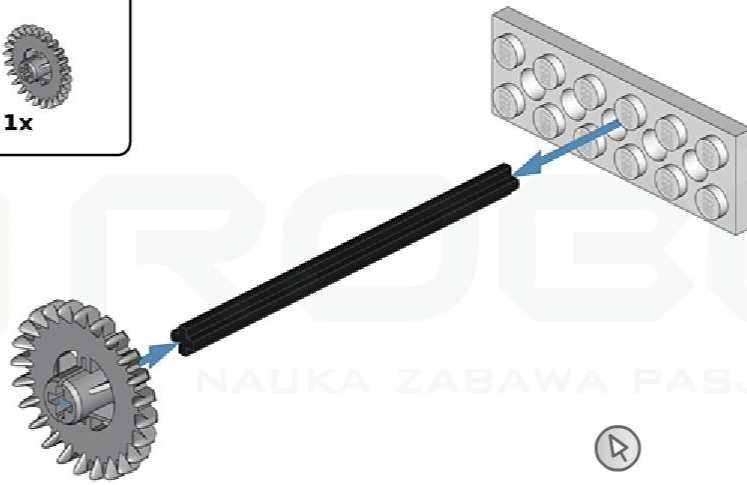
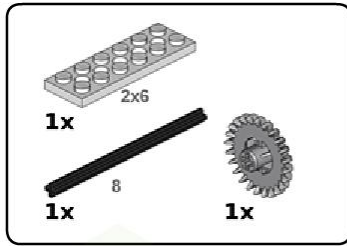
Androide: Construye



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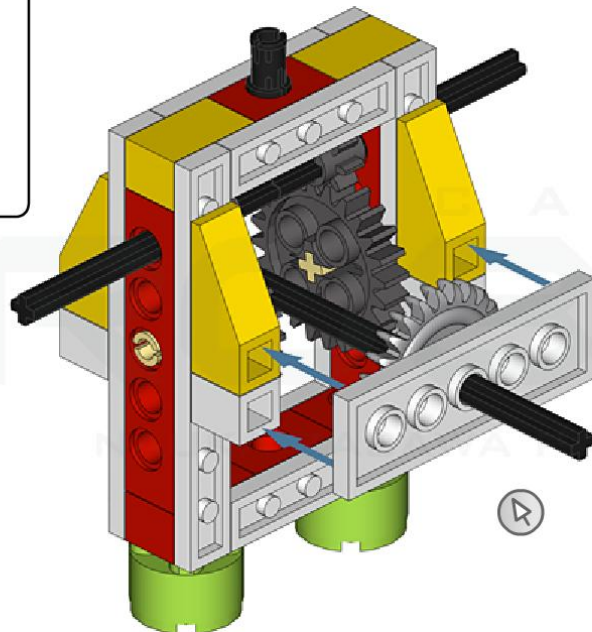
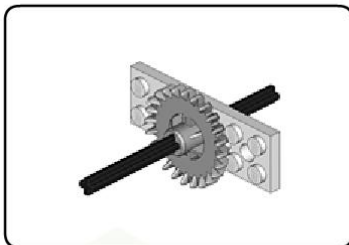
Androide (WeDo)

Androide: Construye



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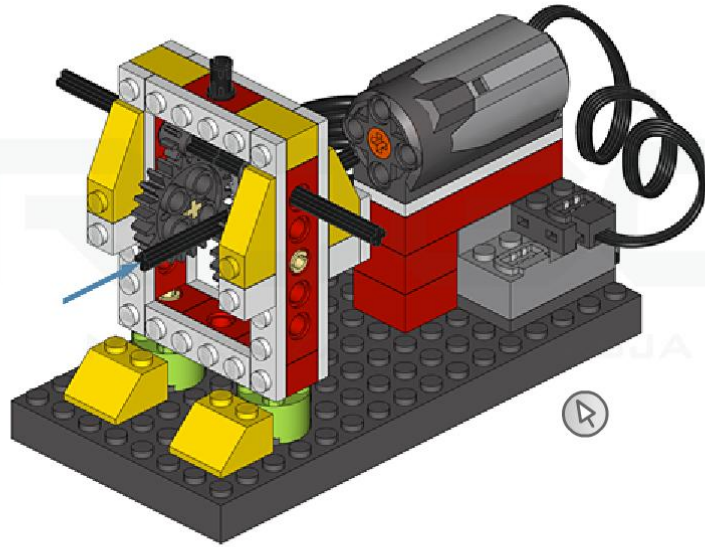
Androide: Construye



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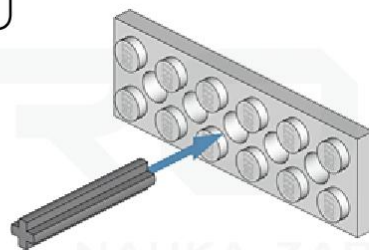
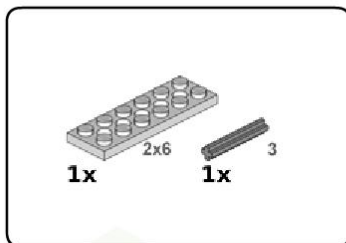
Androide (WeDo)

Androide: Construye



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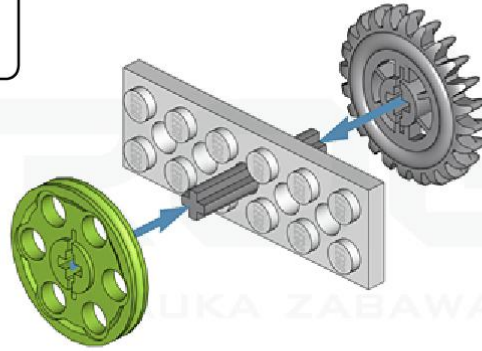
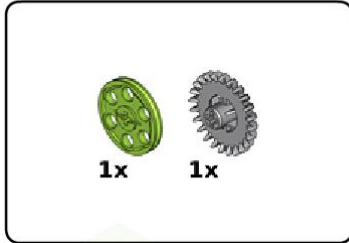
Androide: Construye



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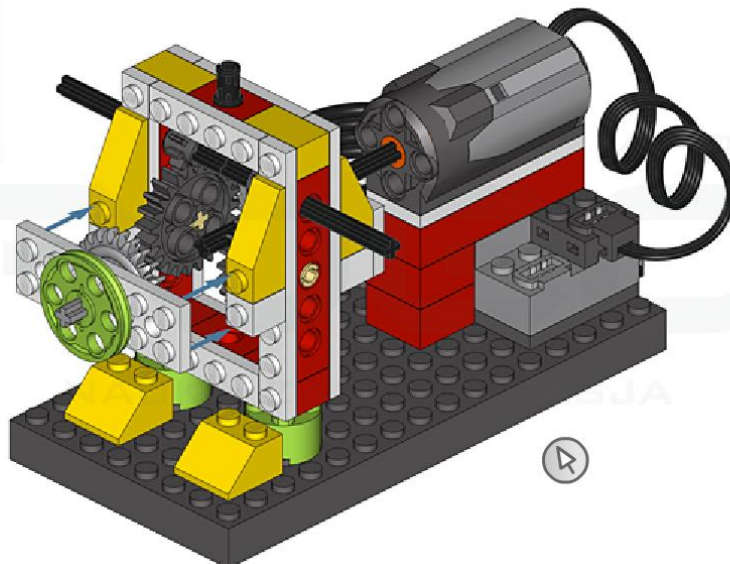
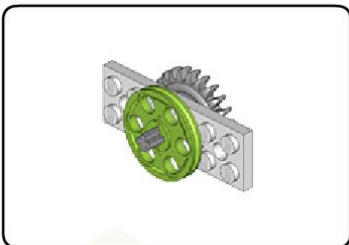
Androide (WeDo)

Androide: Construye



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Androide: Construye



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Androide (WeDo)

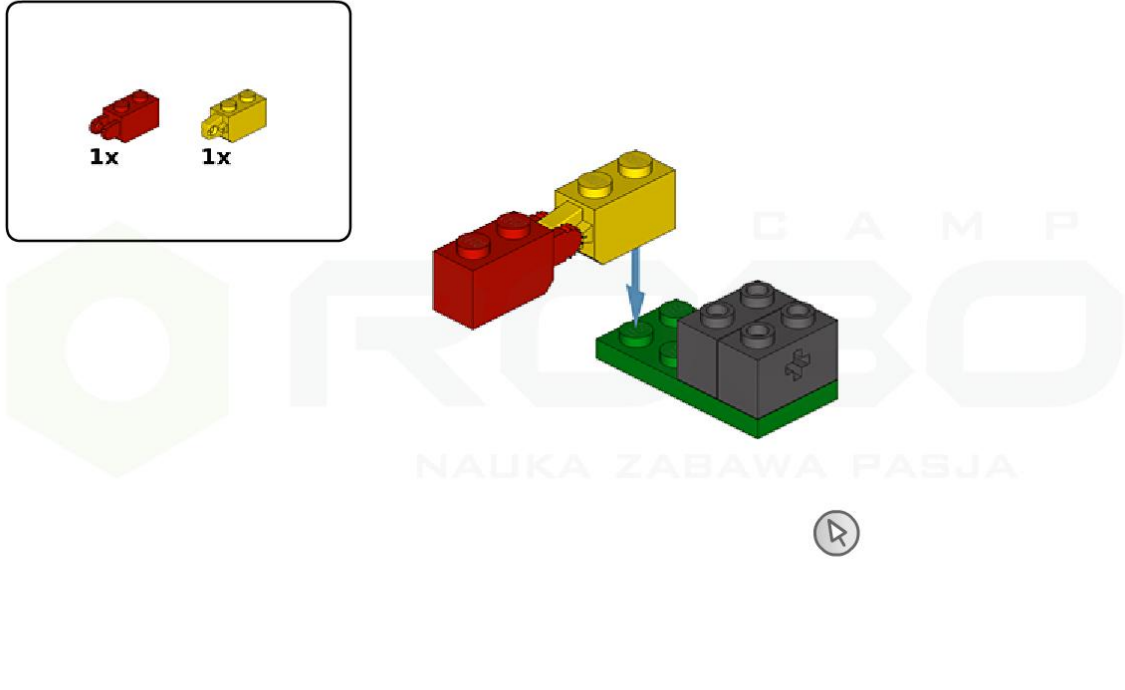
Androide: Construye



1x 2x4 2x

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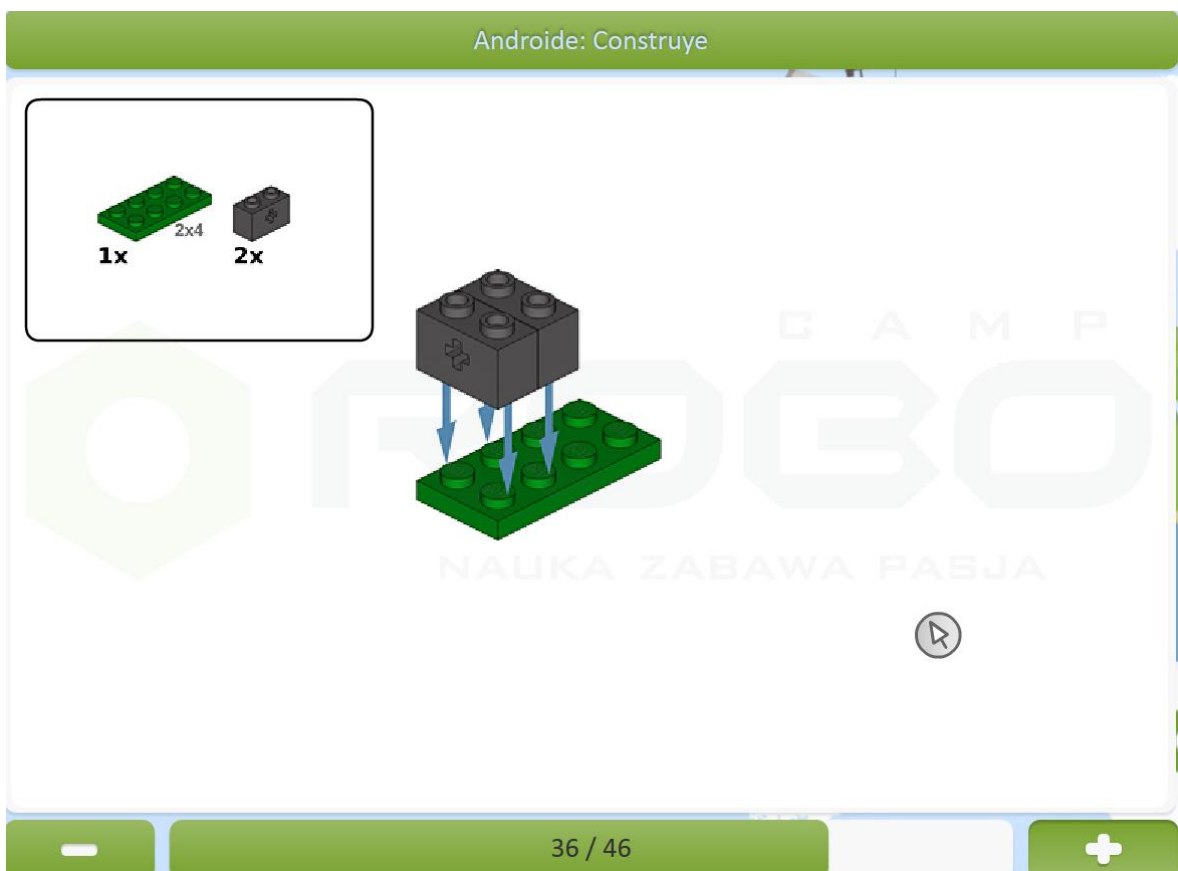
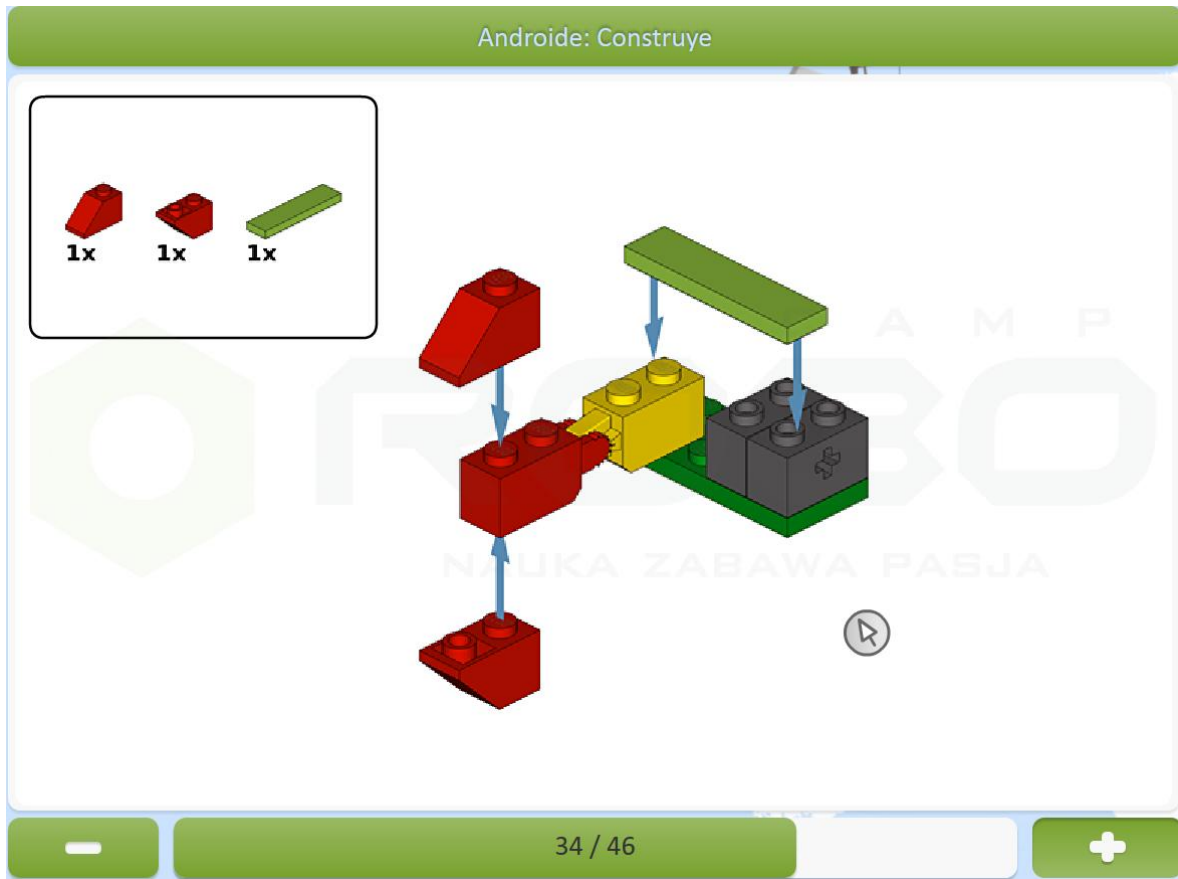
Androide: Construye



1x 1x

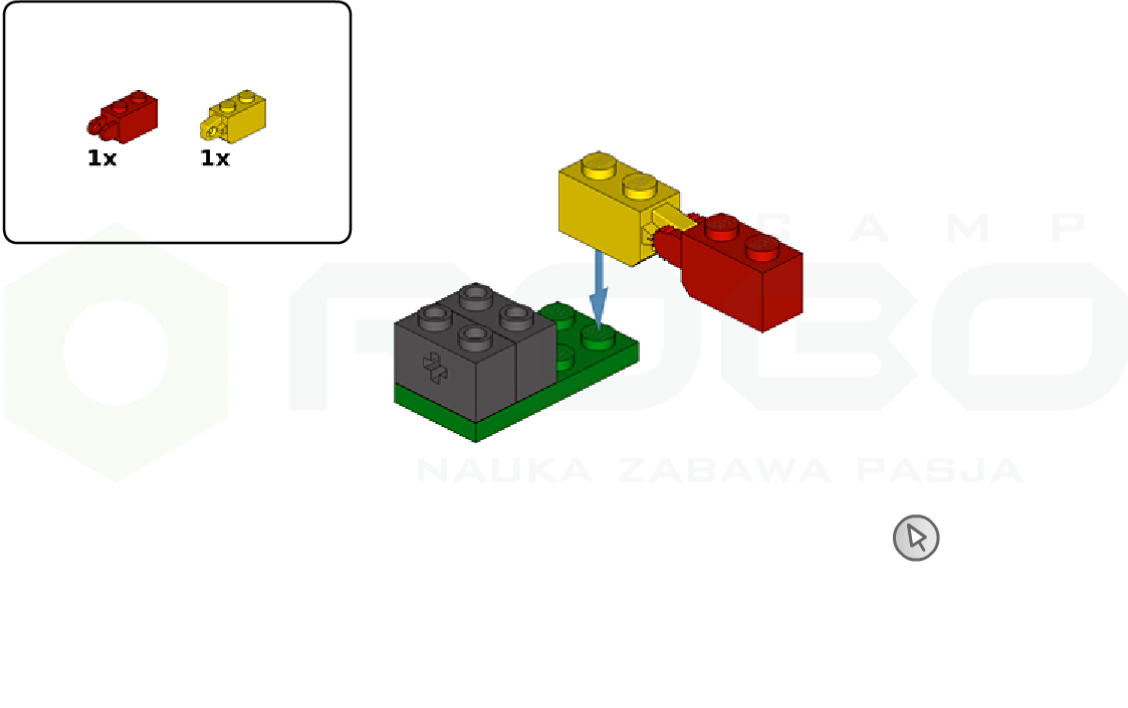
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Androide (WeDo)



Androide (WeDo)

Androide: Construye

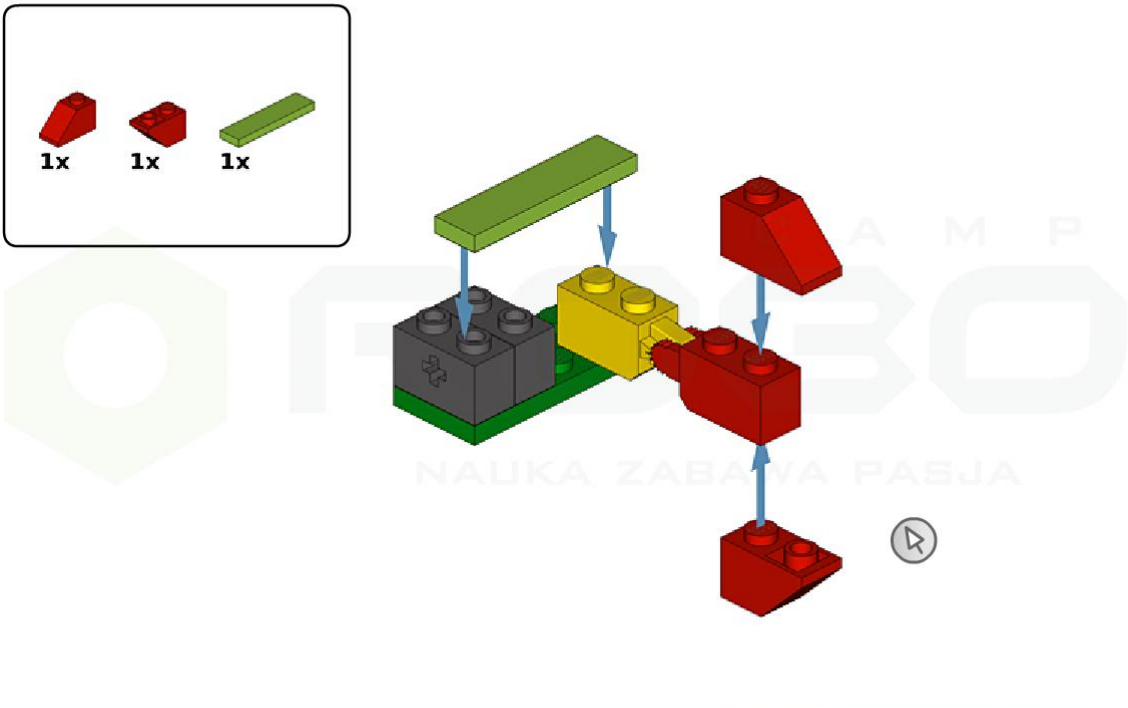


1x 1x

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This image shows step 37 of the LEGO WeDo assembly. A green header bar at the top contains the text "Androide: Construye". Below it, a white box with a black border lists the required parts: one red 1x3 Technic brick with a hole and one yellow 1x3 Technic brick with a hole. The main assembly area shows a partially constructed robot on a green base. A grey 2x4 Technic brick with a cross-shaped hole is on the left. A yellow 1x3 Technic brick with a hole is being placed on top of the grey brick. A red 1x3 Technic brick with a hole is being placed on top of the yellow brick. Blue arrows indicate the placement of the yellow and red bricks. A circular arrow icon is in the bottom right corner. At the bottom, a green bar contains a minus sign, the page number "37 / 46", and a plus sign.

Androide: Construye



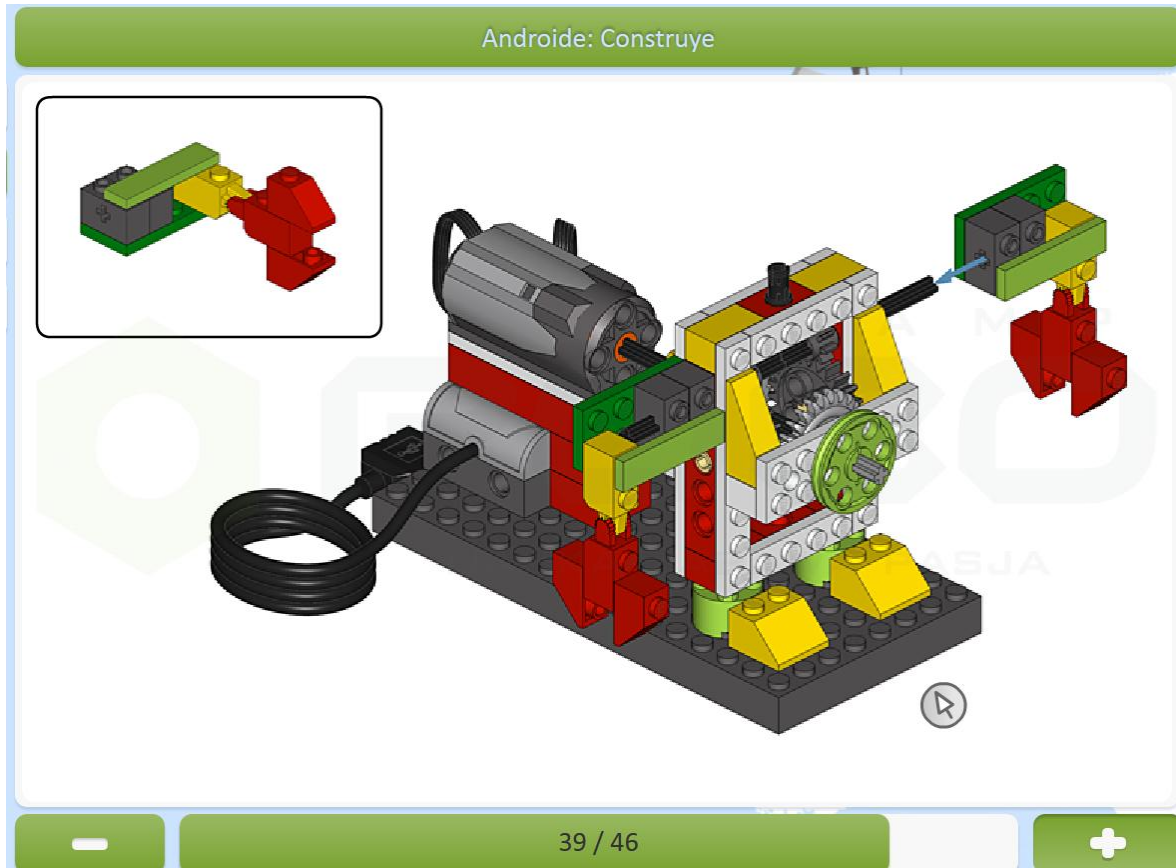
1x 1x 1x

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This image shows step 38 of the LEGO WeDo assembly. A green header bar at the top contains the text "Androide: Construye". Below it, a white box with a black border lists the required parts: one red 1x2 Technic brick with a hole, one red 1x2 Technic brick with a hole, and one green 1x4 Technic Technic beam. The main assembly area shows the robot from step 37. A green 1x4 Technic Technic beam is being placed on top of the grey 2x4 Technic brick. A red 1x2 Technic brick with a hole is being placed on top of the red 1x3 Technic brick with a hole. A red 1x2 Technic brick with a hole is being placed on top of the red 1x2 Technic brick with a hole. Blue arrows indicate the placement of the green beam and the two red bricks. A circular arrow icon is in the bottom right corner. At the bottom, a green bar contains a minus sign, the page number "38 / 46", and a plus sign.

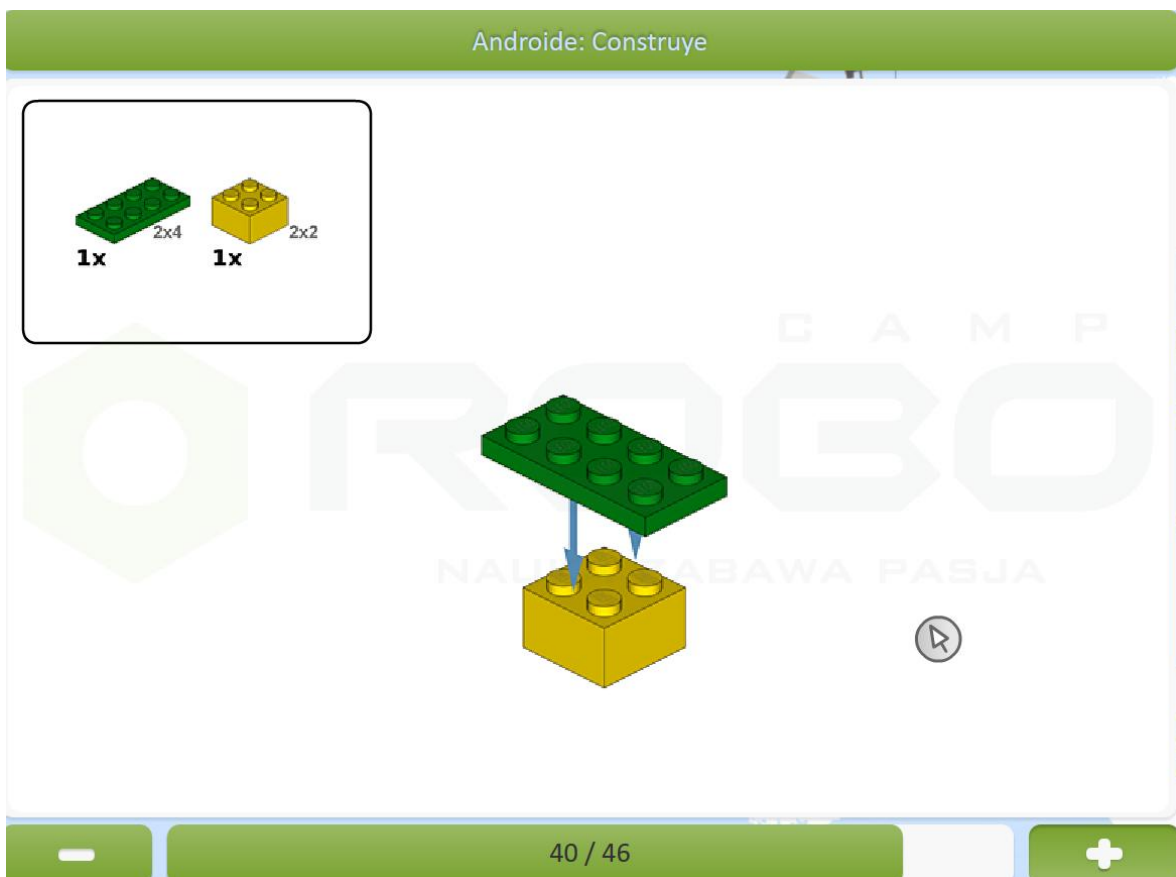
Androide (WeDo)

Androide: Construye



This assembly step shows a motor assembly being attached to a base. The motor assembly consists of a grey motor, a red and yellow frame, and a green and yellow top section. A black cable is connected to the motor. The base is a grey Technic brick with various colored Technic bricks (red, yellow, green) attached. An inset image shows a close-up of the motor assembly being attached to the base. A navigation bar at the bottom shows a minus sign, the page number 39 / 46, and a plus sign.

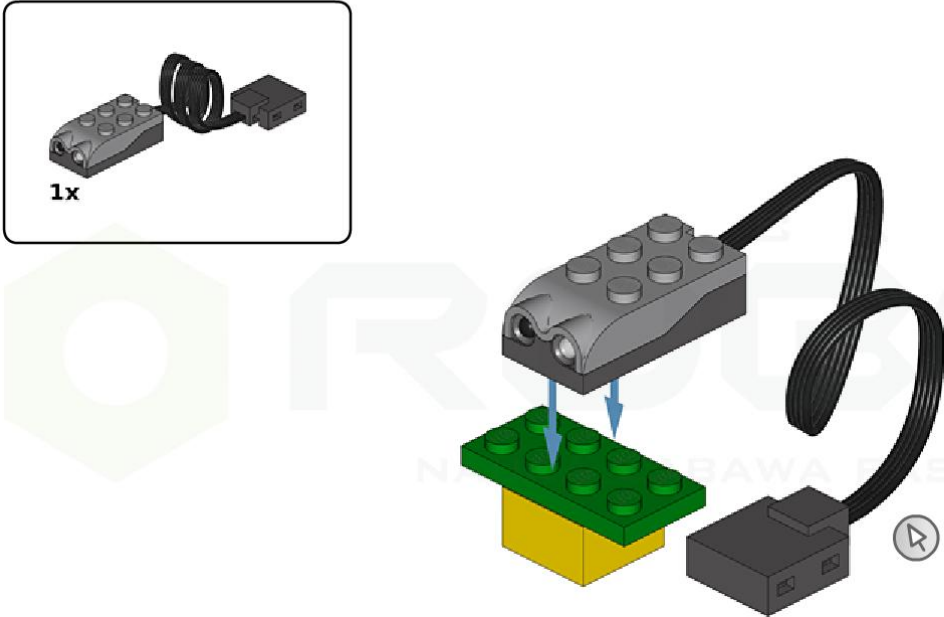
Androide: Construye



This assembly step shows a green 2x4 Technic plate being attached to a yellow 2x2 Technic brick. An inset image shows the parts: one green 2x4 plate and one yellow 2x2 brick, with the quantity '1x' indicated for each. The main image shows the green plate being placed on top of the yellow brick. A navigation bar at the bottom shows a minus sign, the page number 40 / 46, and a plus sign.

Androide (WeDo)

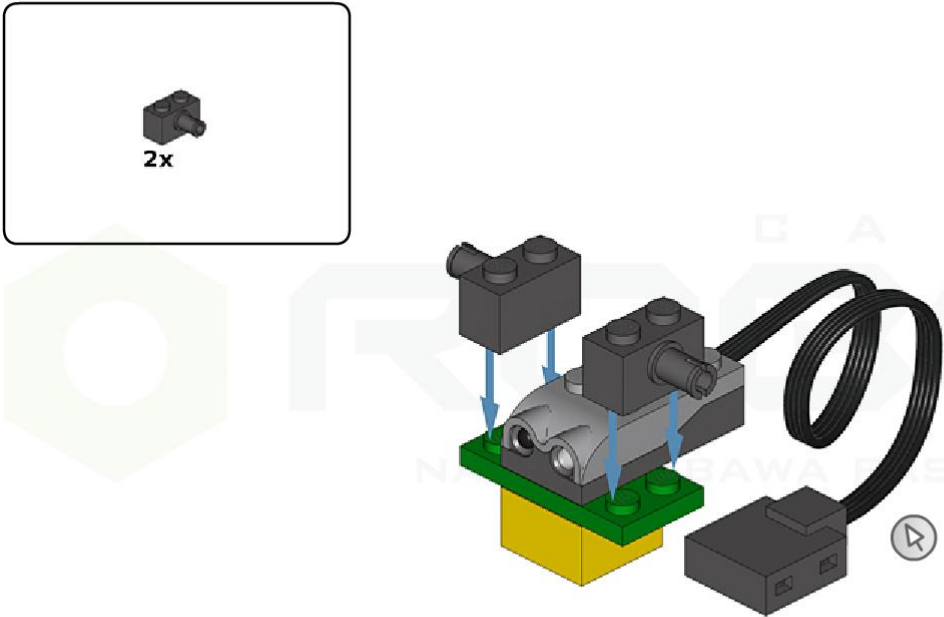
Androide: Construye



1x

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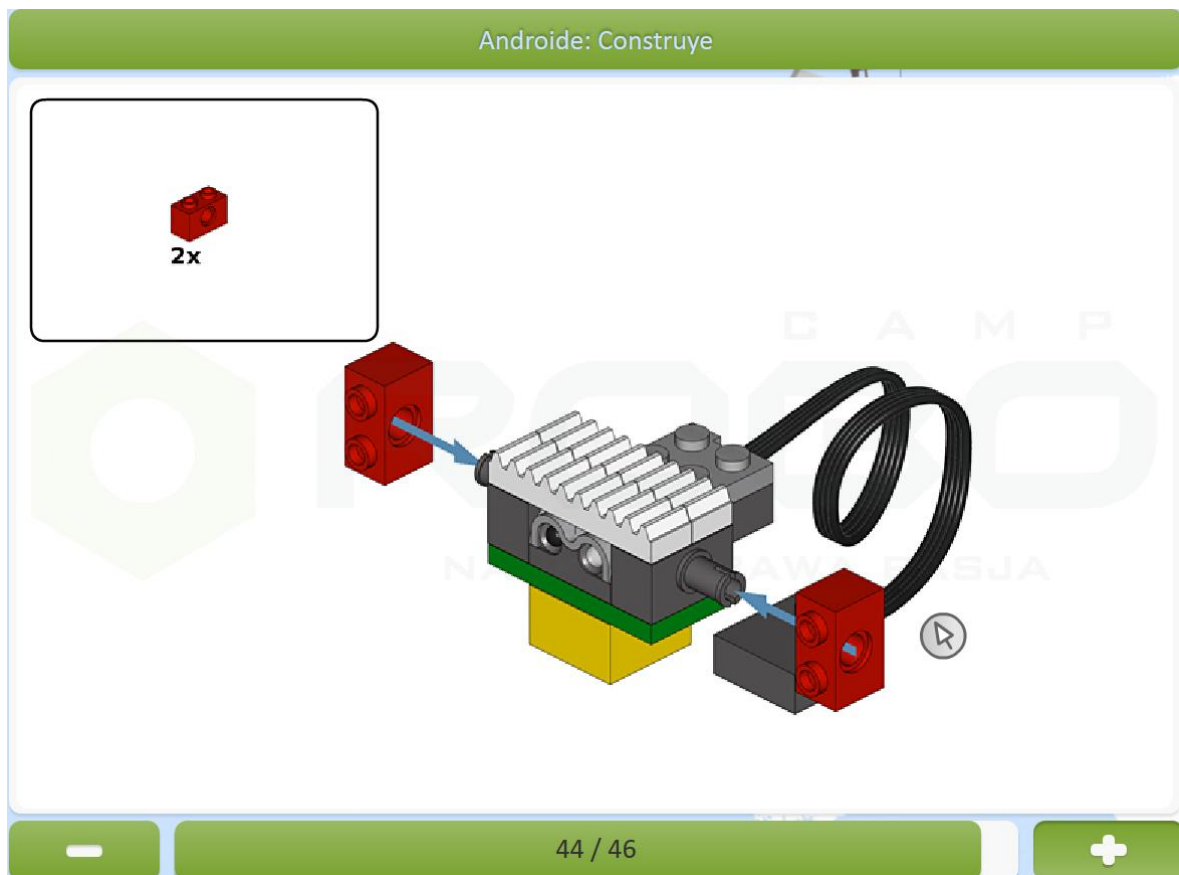
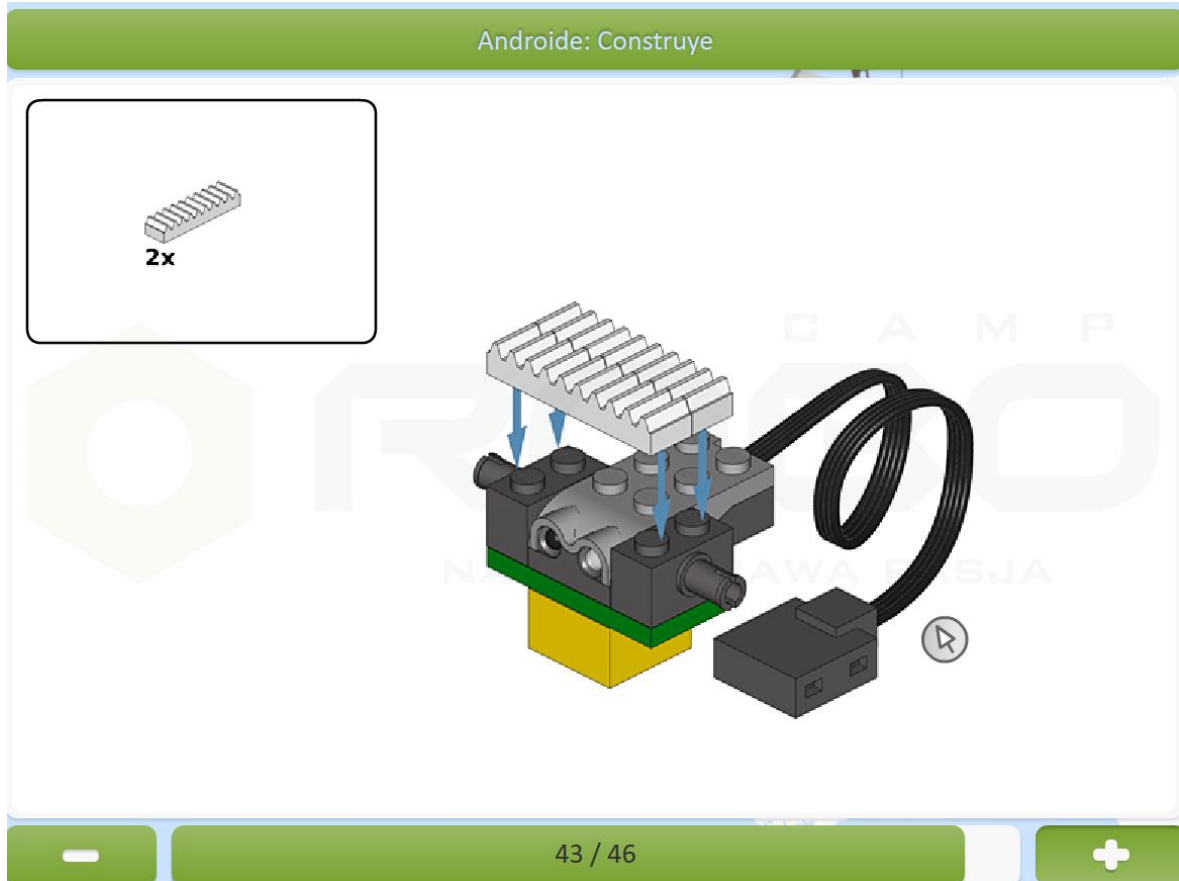
Androide: Construye



2x

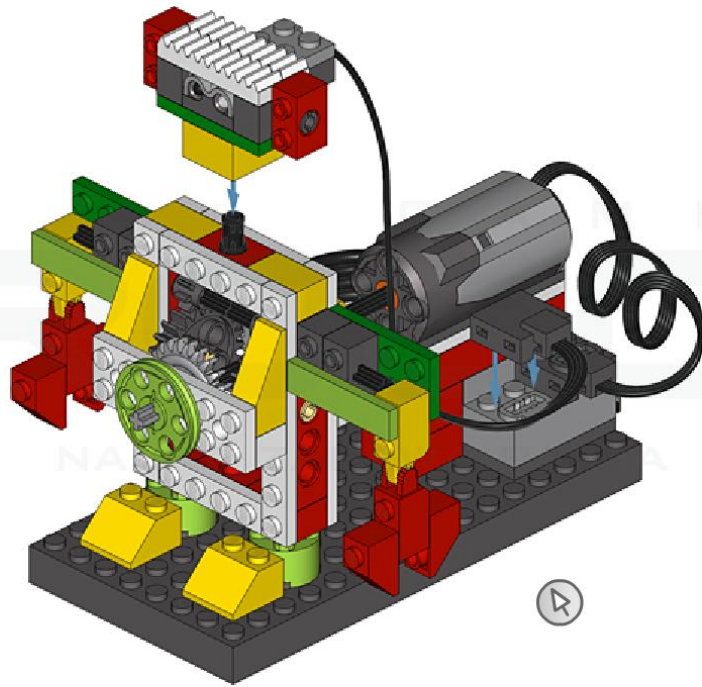
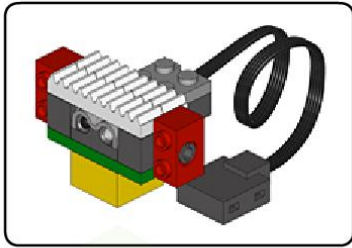
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Androide (WeDo)



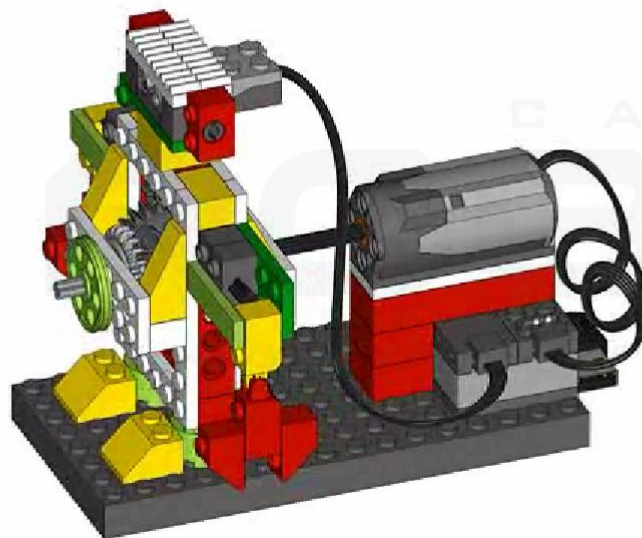
Androide (WeDo)

Androide: Construye



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Androide: Construye



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Fuente: [Robocam](#)

Androide (WeDo)

Características del proyecto

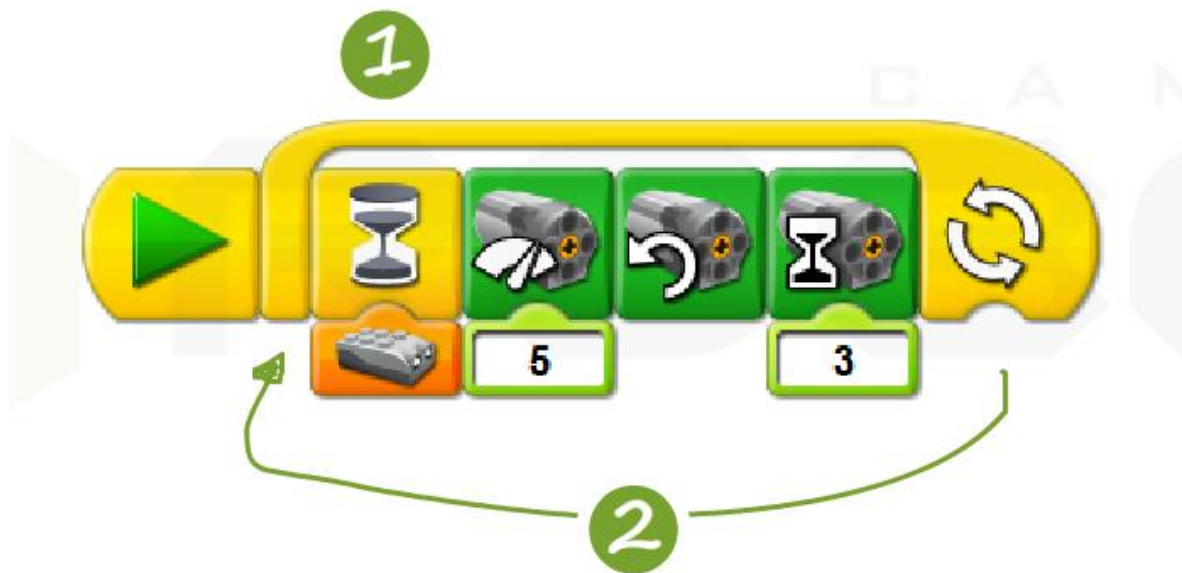
El sensor de distancia está instalado en la cabeza del robot. La cabeza se puede mover.

Cuando el robot detecta algún objeto, empieza a mover sus brazos. Los brazos del robot se doblan por dos sitios.

El corazón del robot es un engranaje complejo construido con seis ruedas dentadas. Las ruedas dentadas que están en contacto giran en direcciones opuestas.

El robot reacciona al movimiento que se produce delante del sensor de distancia, y saluda con las manos.

Programación



El robot no saludará todo el tiempo, sólo cuando vea algún objeto delante de él.

- ✓ Añade un bloque amarillo con el reloj de arena. Esto parará el programa hasta que un objeto aparezca delante del sensor de movimiento. Añade una barra con la imagen del sensor de distancia.
- ✓ El primer bloque verde pone al motor en marcha y establece su velocidad de giro. El segundo bloque verde con la flecha permite escoger la dirección de giro. El tercer bloque verde con un reloj de arena permite establecer el tiempo de rotación del motor.
- ✓ Para que el robot salude repetidamente necesitas un bucle.

Programación alternativa:

Para que el robot salude en diferentes direcciones, necesitas añadir más bloques verdes. Si no quieres que cambie la velocidad, deja un bloque para establecerla.

Androide (WeDo)

Añade un sonido al programa: El bloque correcto es el rojo con el icono de una nota musical. Los sonidos de gritos alegres y aplausos se encuentran en el número 11. Date cuenta que el robot no se mueve mientras emite el sonido.



El robot se puede mover y emitir sonidos al mismo tiempo. Solo tienes que añadir órdenes con el icono del sobre para crear una nueva parte del programa.

