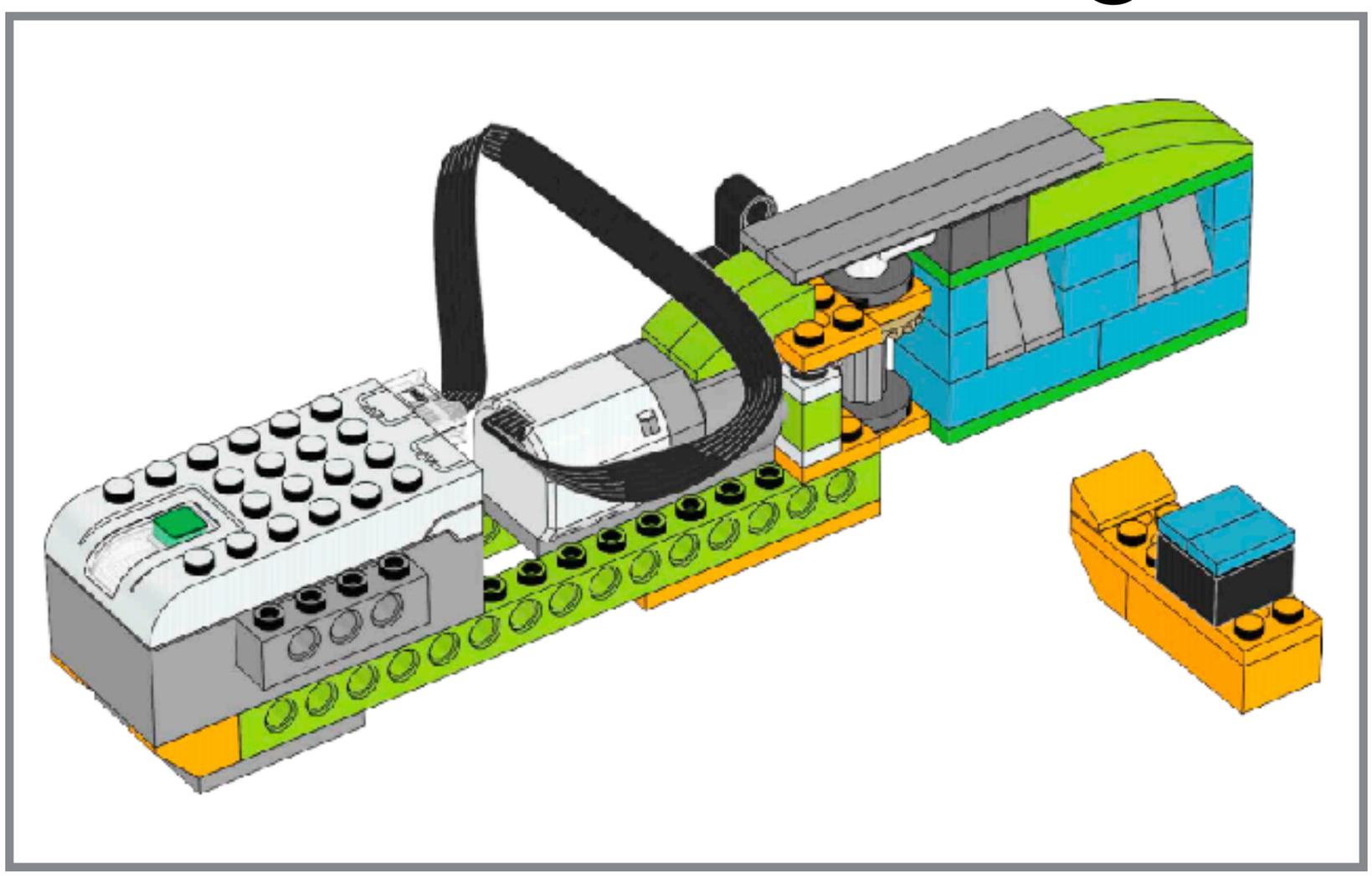
Vanne de décharge



WeDo 2.0 de LEGO Education

Modification et bonification des plans par le Service national du RÉCIT à l'éducation préscolaire

Lynda O'Connell, conseillère pédagogique en TIC et Isabelle Therrien, enseignante à l'éducation préscolaire

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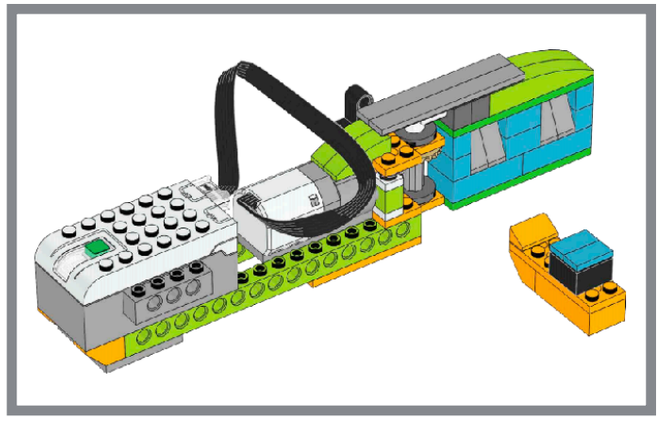
de la section robotique sont mises à votre disposition sous un contrat Creative Commons.



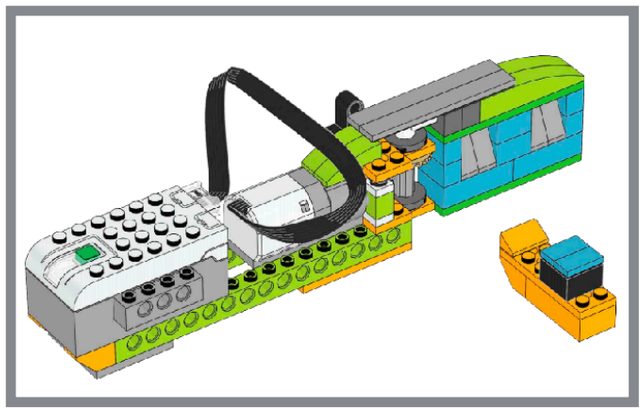
Nombre d’étapes : 38

Nom original du modèle : Floodgates

Genre de déplacement : Flexion

Remarque : Aucun capteur dans ce modèle

INVENTAIRE DES PIÈCES



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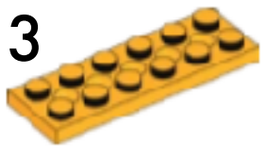
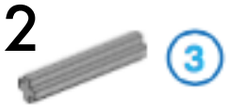
3 
2 
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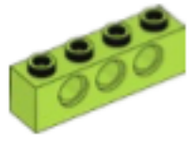
1 
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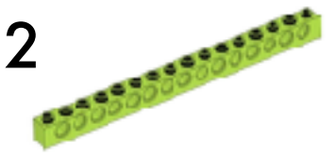
2 
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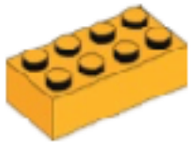
2 
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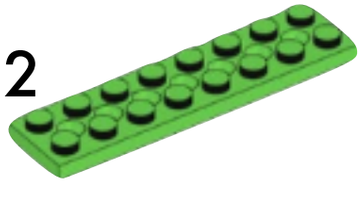
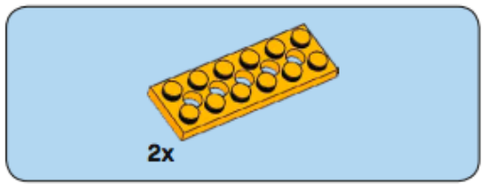
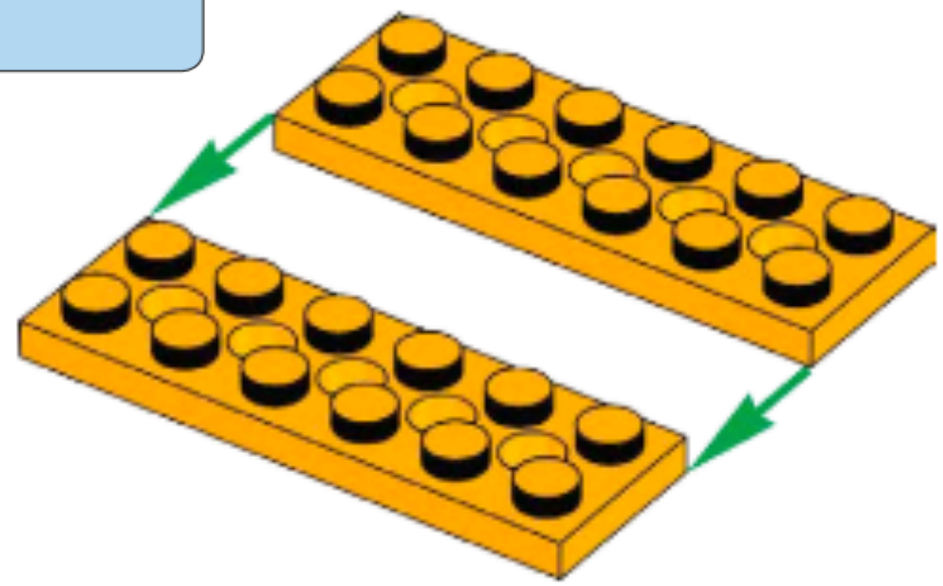
2 

- 2 plaques percées, 2x6 (orange vif)

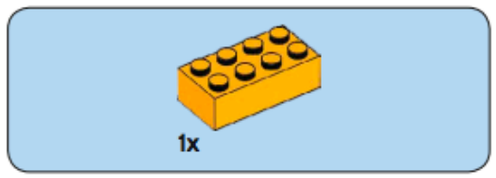
1

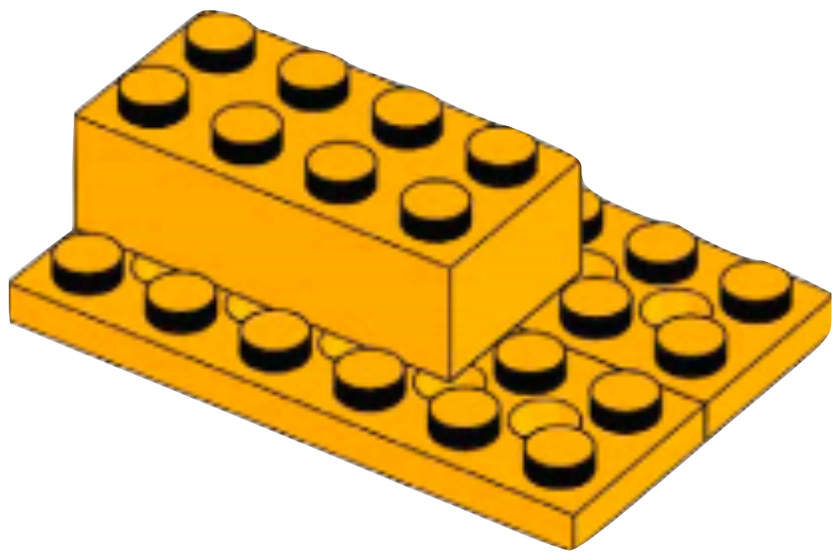




- 1 brique, 2x4 (orange vif)

2





- 1 plaque ronde , 2x2 (vert vif)

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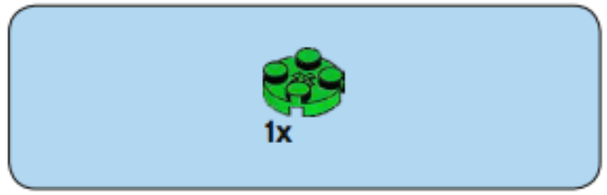
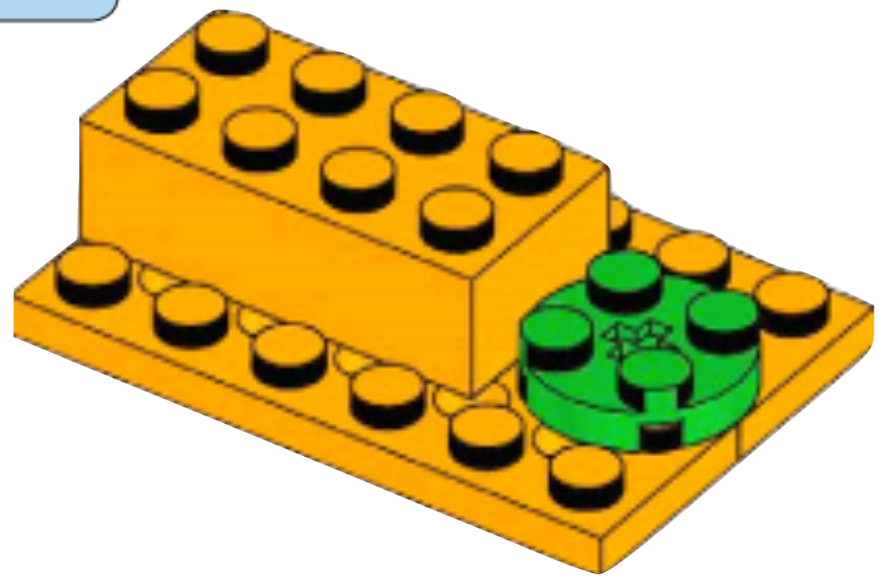
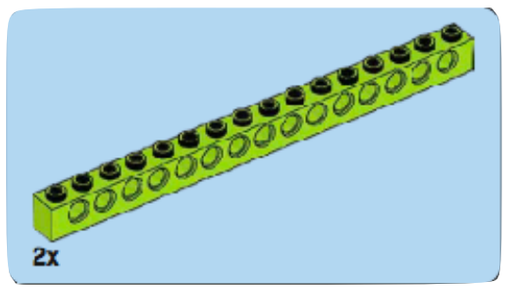
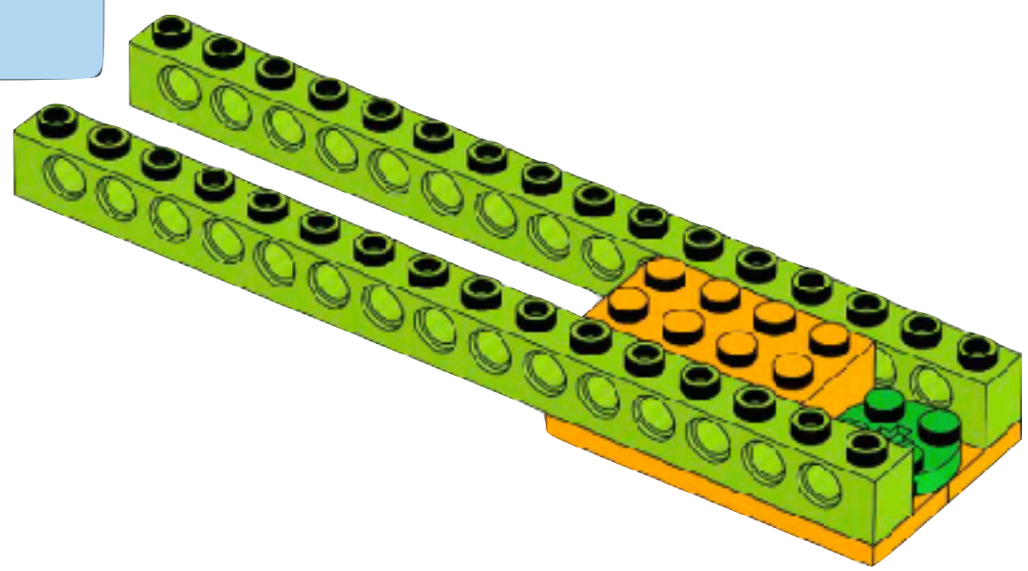




- 2 poutres perforées, 1x16 (vert citron)

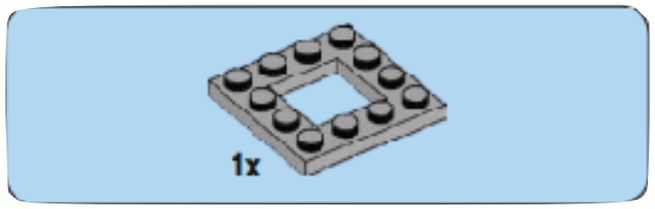
4

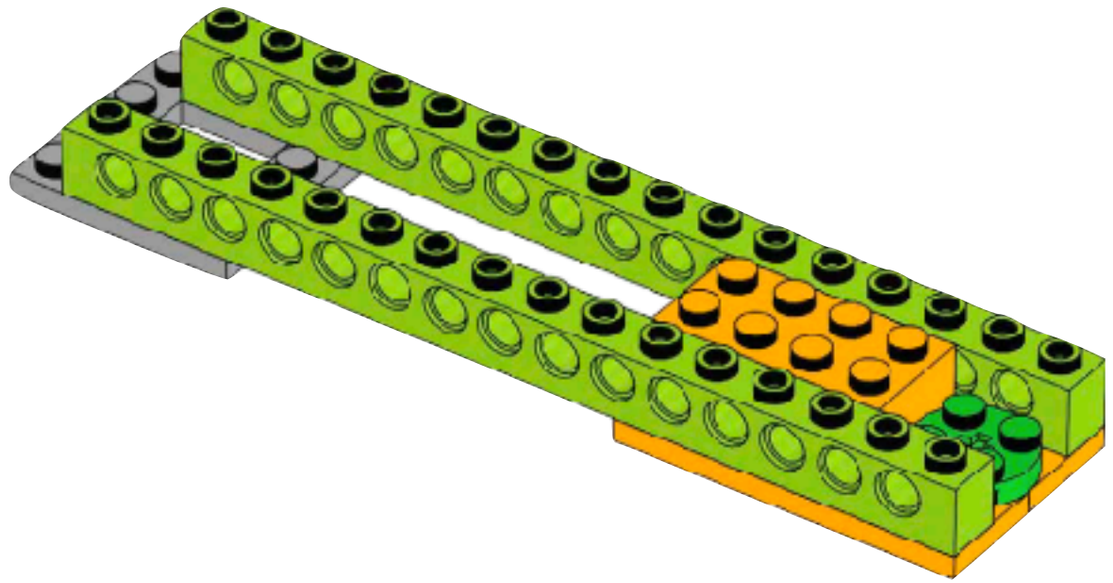




- 1 plaque de cadre, 4x4 (gris)

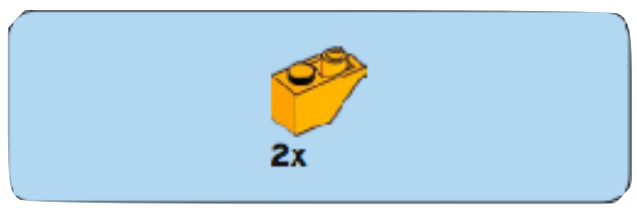
5

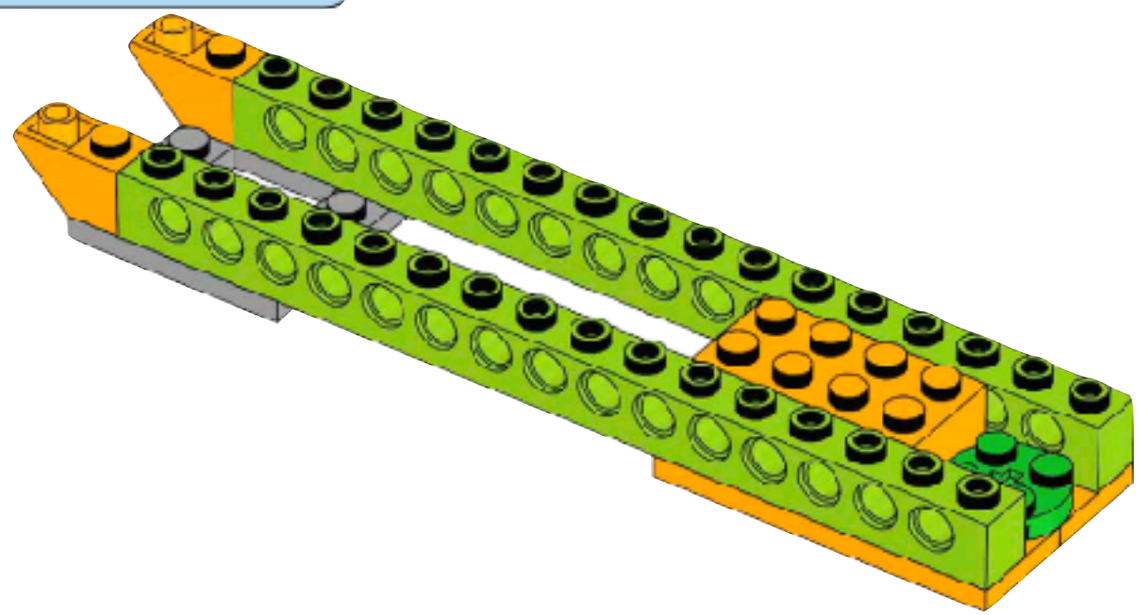




- 2 briques inclinées inversées, 1x2/45° (orange vif)

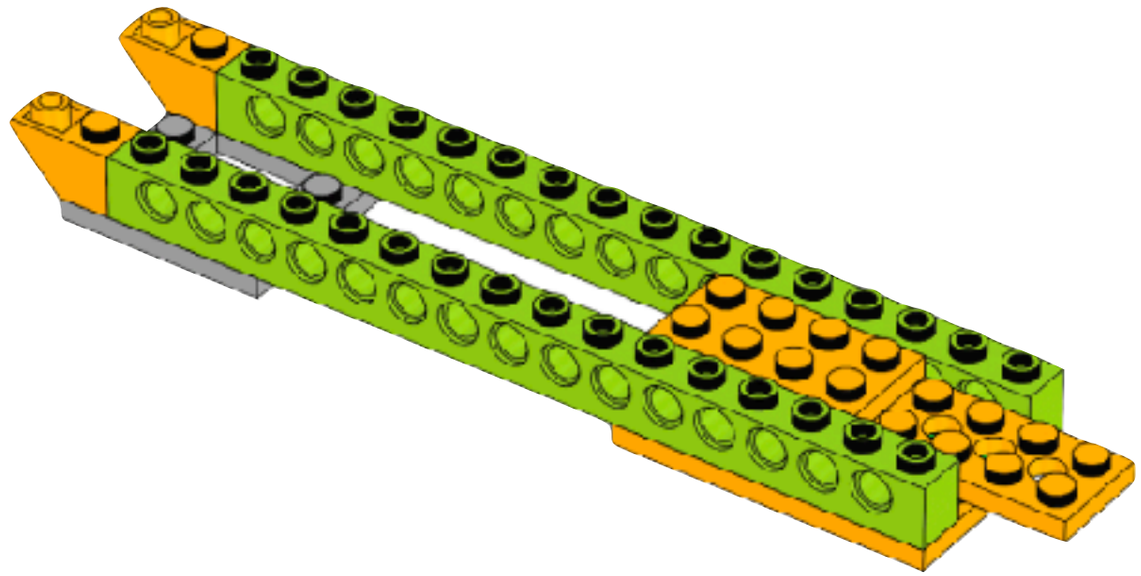
6





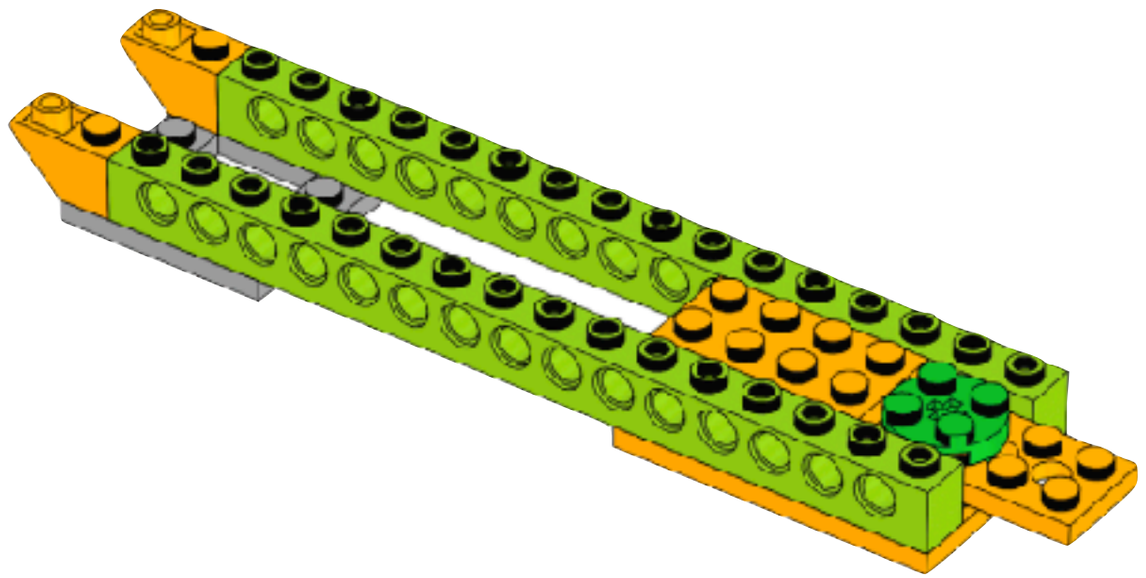
- 1 plaque percée, 2x4 (orange vif)

7



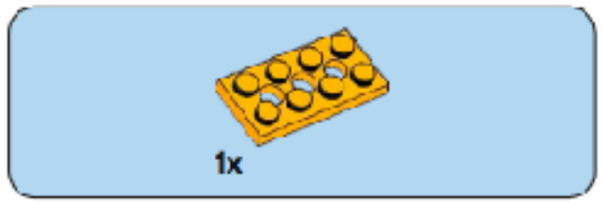
- 1 plaque ronde, 2x2 (vert vif)

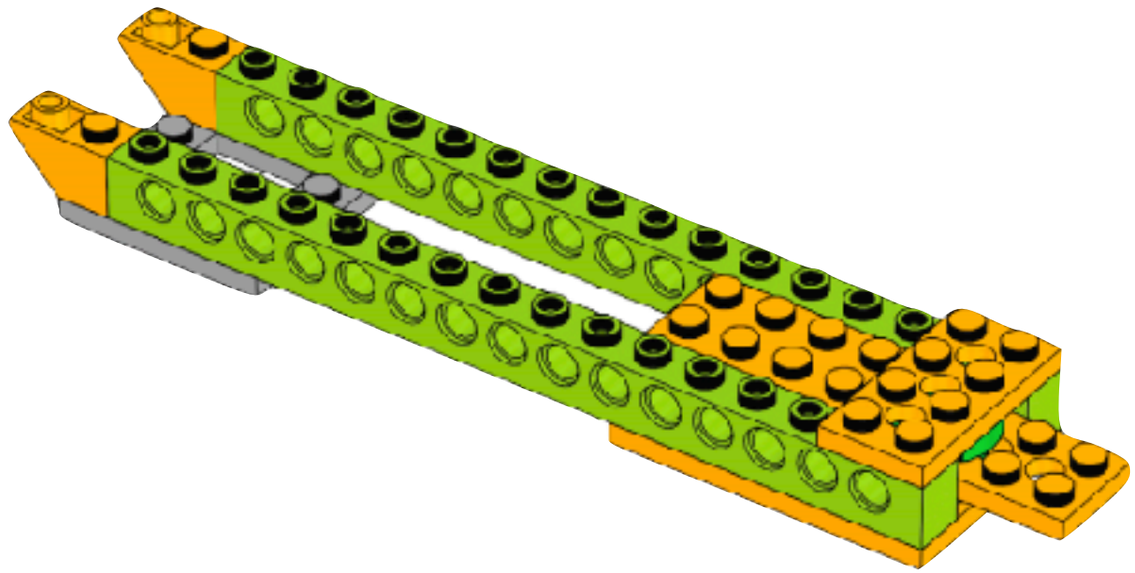
8



- 1 plaque percée, 2x4 (orange vif)

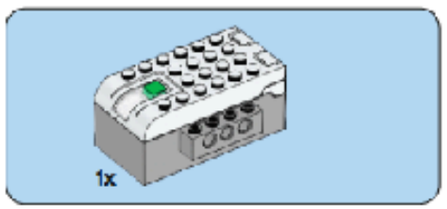
9

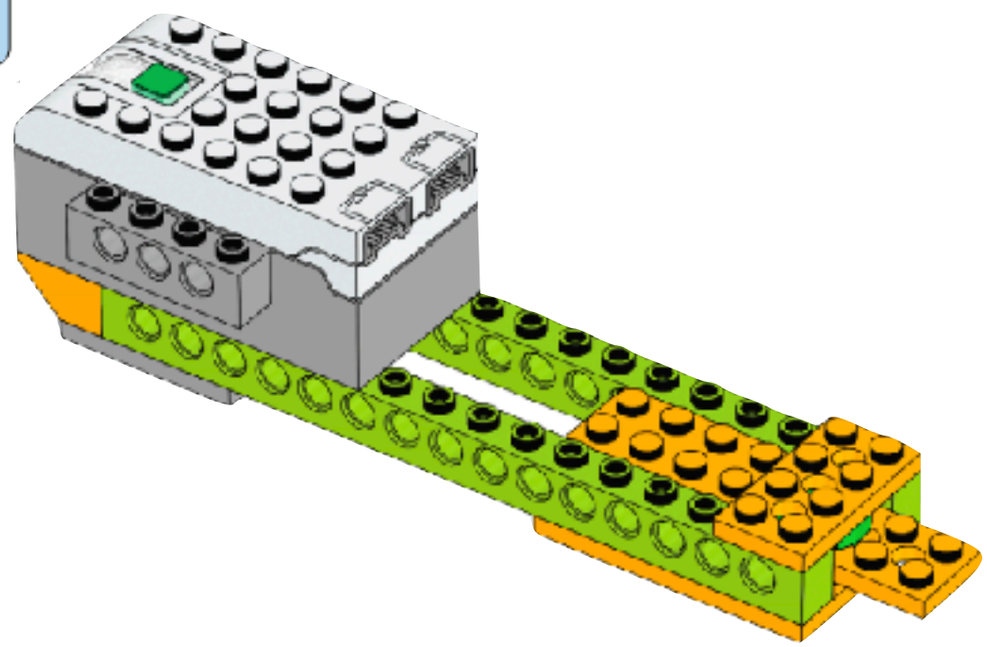




- 1 brique intelligente (blanc)

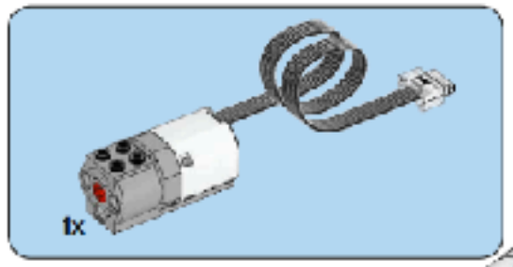
10

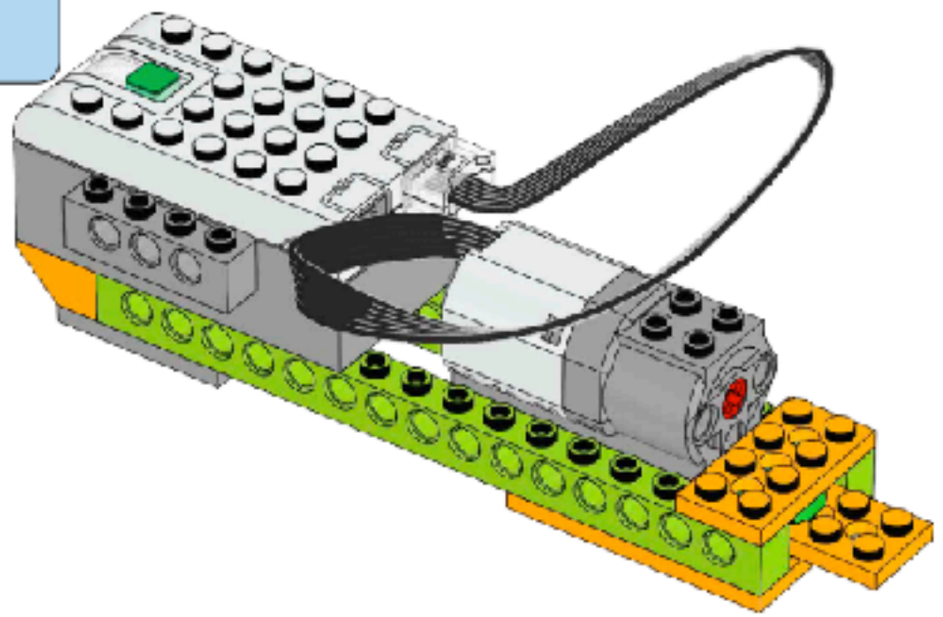




- 1 moteur moyen (blanc)

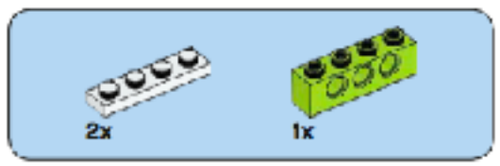
11

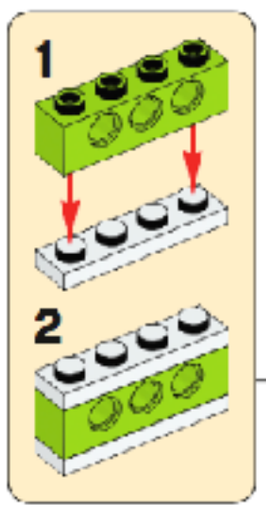


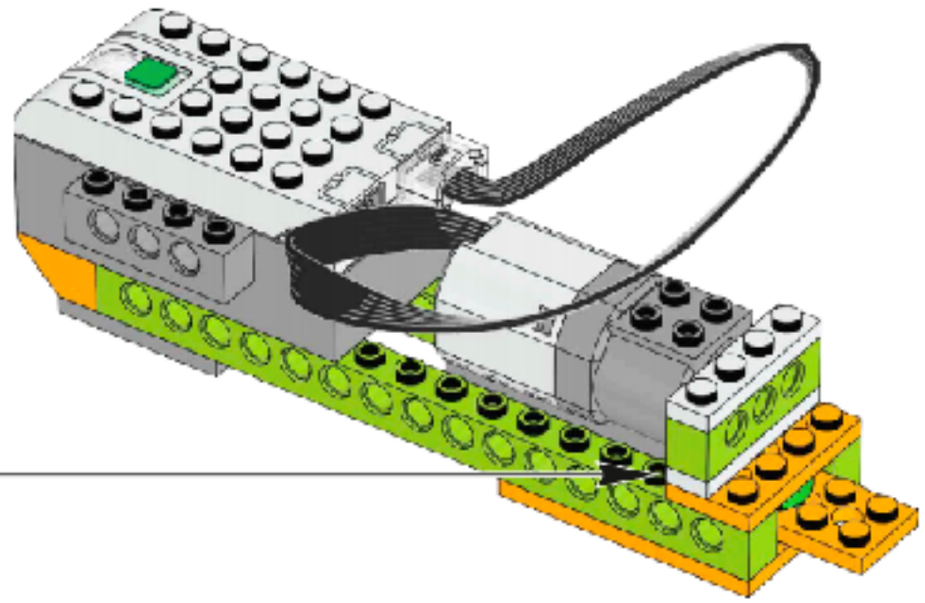


- 2 plaques, 1x4 (blanc)
- 1 poutre perforée, 1x4 (vert citron)

12

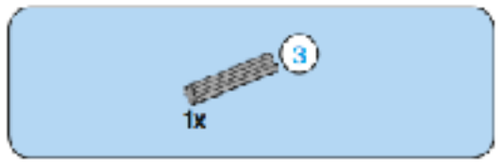


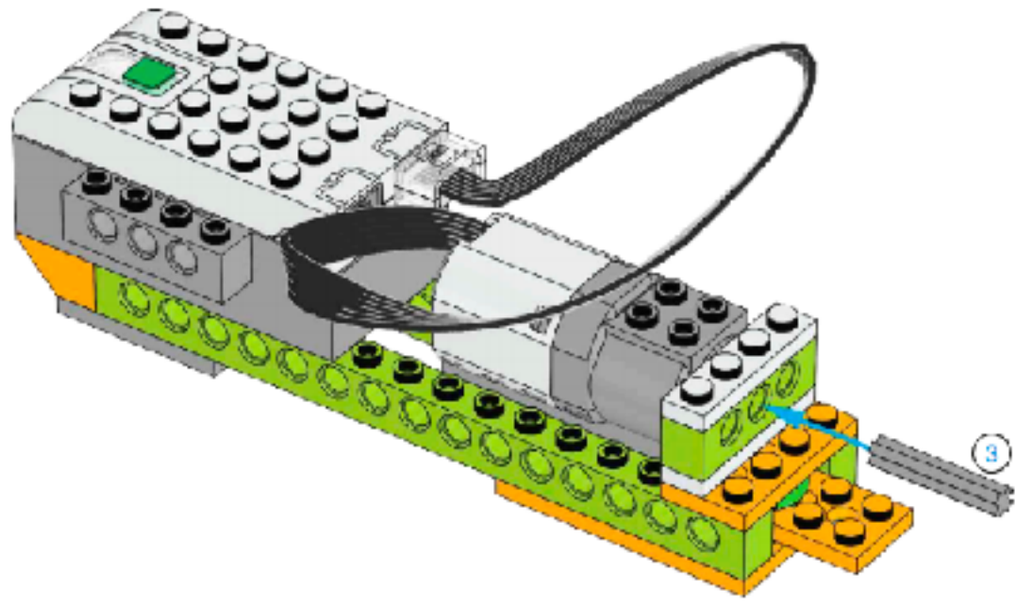




- 1 axe, 3 modules (gris)

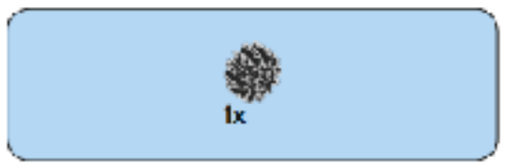
13

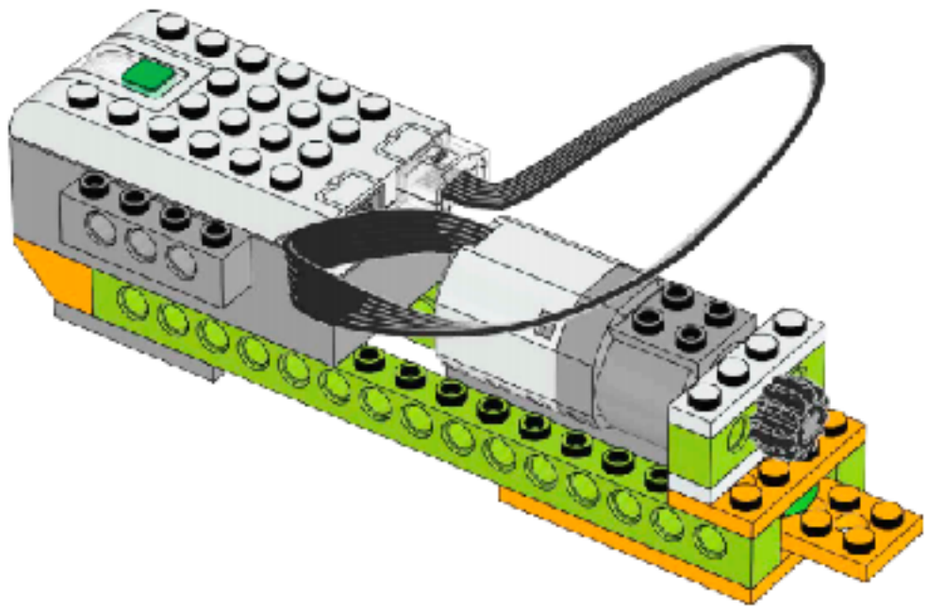




- 1 double engrenage conique, 12 dents (noir)

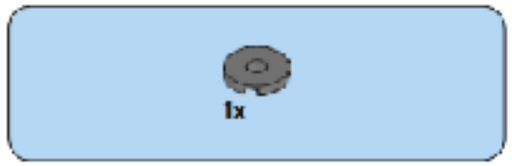
14

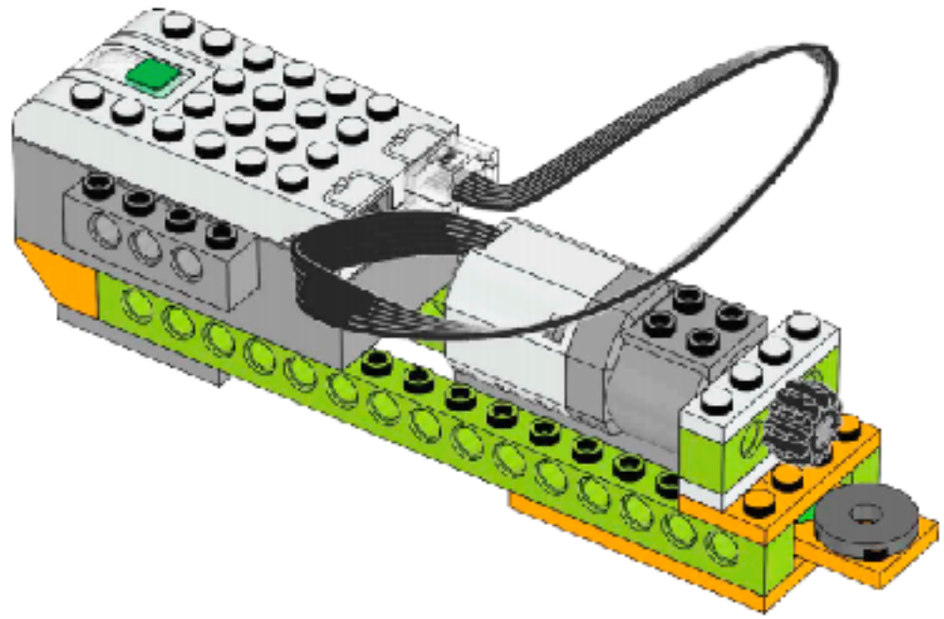




- 1 tuile ronde avec trou, 2x2 (gris foncé)

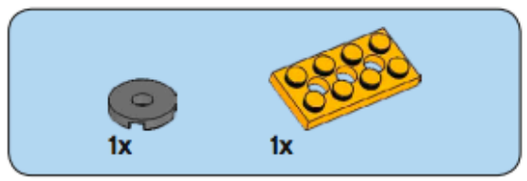
15

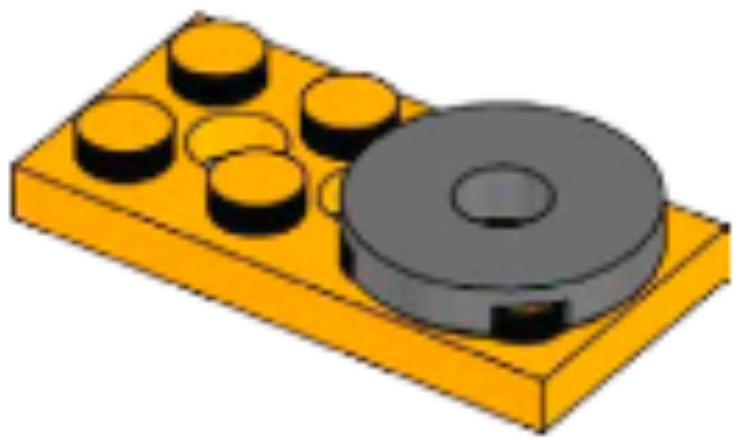




- 1 tuile ronde avec trou, 2x2 (gris foncé)
- 1 plaque percée, 2x4 (orange vif)

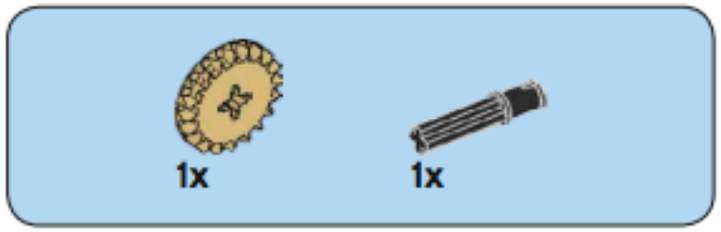
16

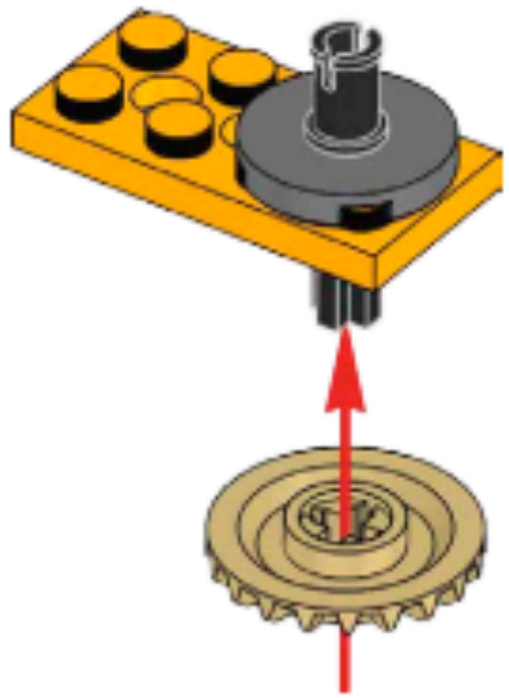




- 1 engrenage conique, 20 dents (beige)
- 1 cheville d'assemblage avec axe, 3 modules (noir)

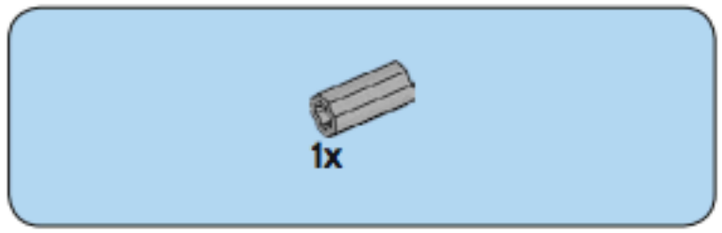
17

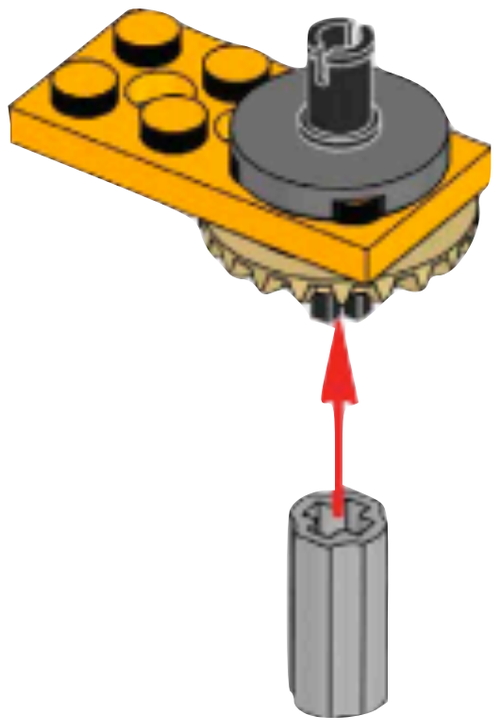




- 1 bague/allonge d'axe, 2 modules (gris)

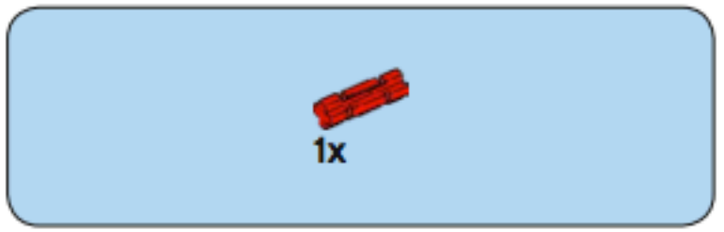
18

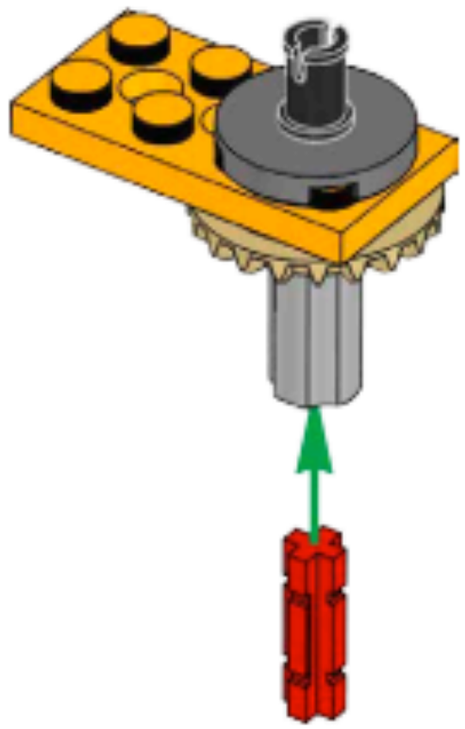




- 1 axe, 2 modules (rouge)

19





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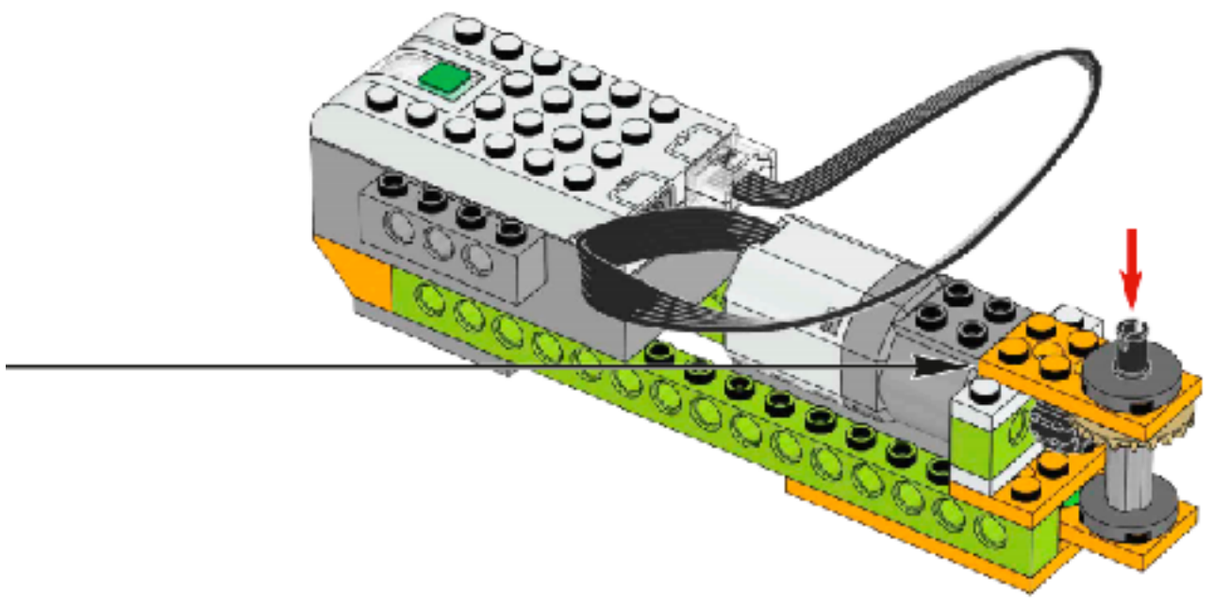
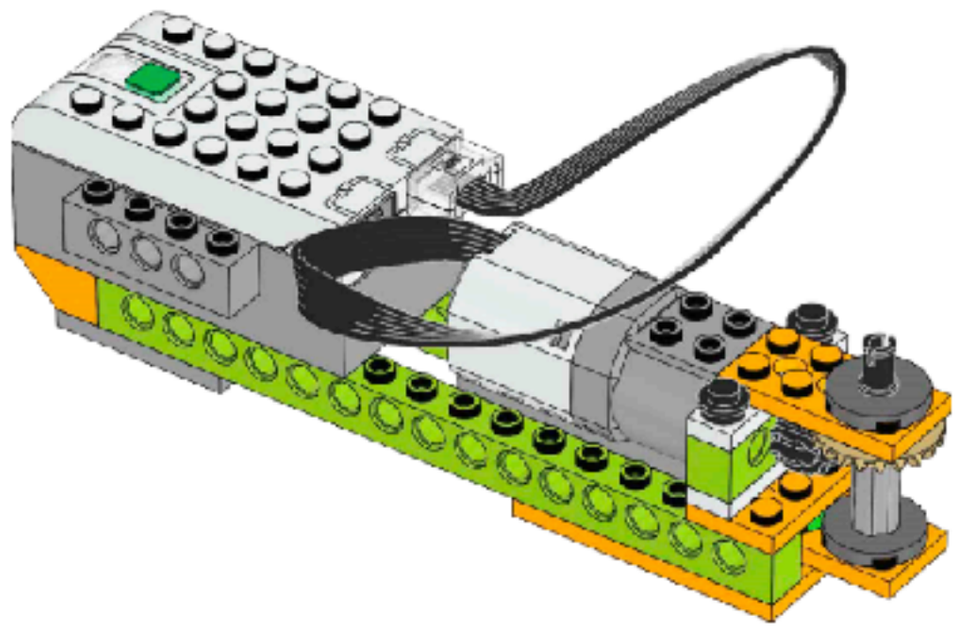


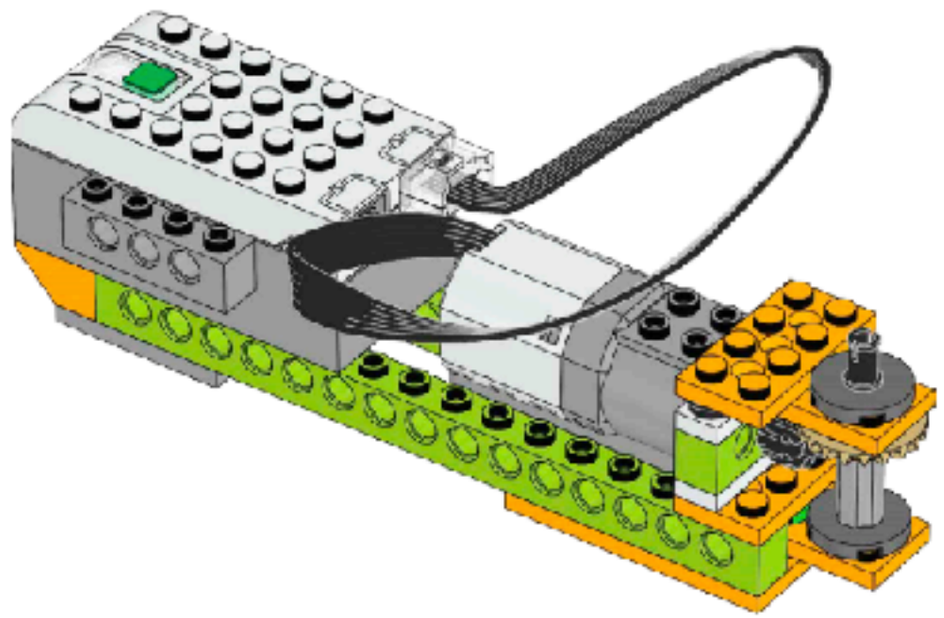
- 2 plaques rondes, 1x1 (noir)

21



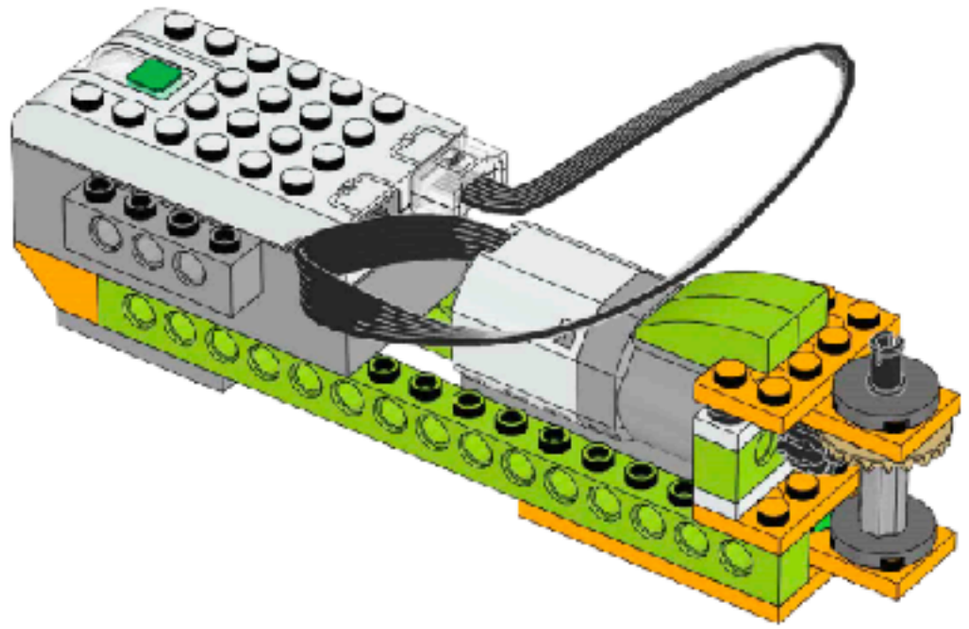
- 1 plaque percée, 2x4 (orange vif)

22



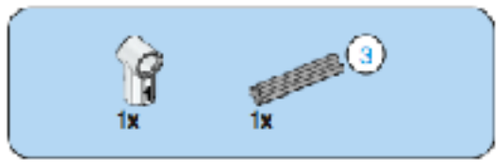
- 2 briques incurvées, 1x3 (vert citron)

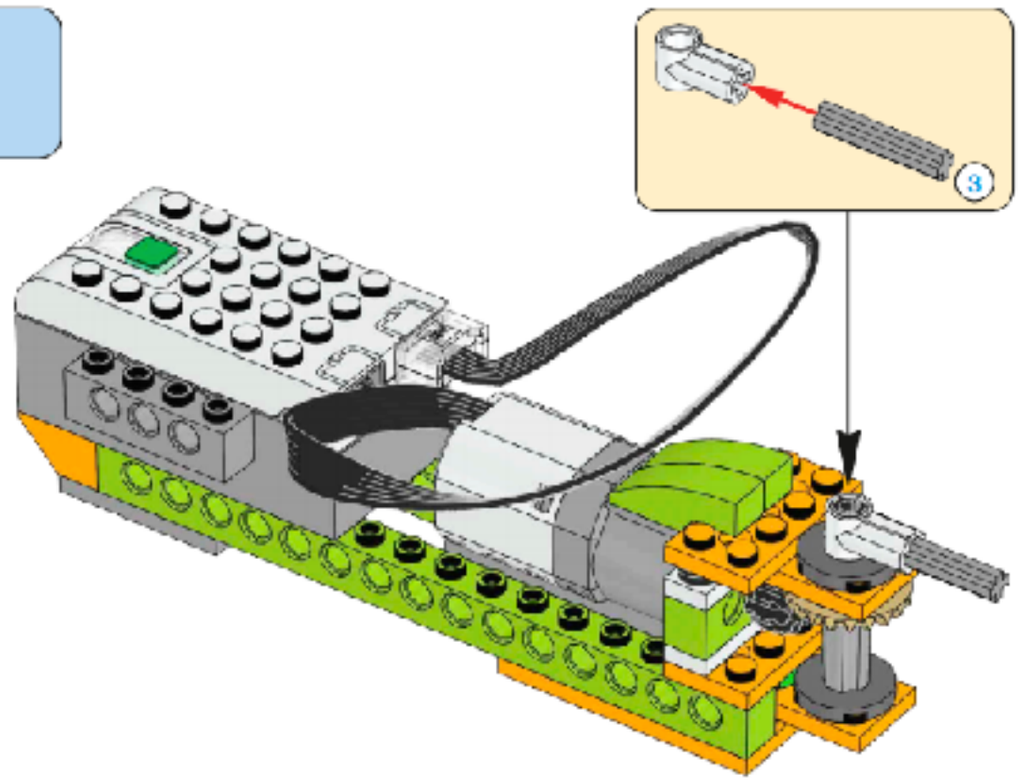
23



- 1 bloc à renvoi d'angle 1, 0° (blanc)
- 1 axe, 3 modules (gris)

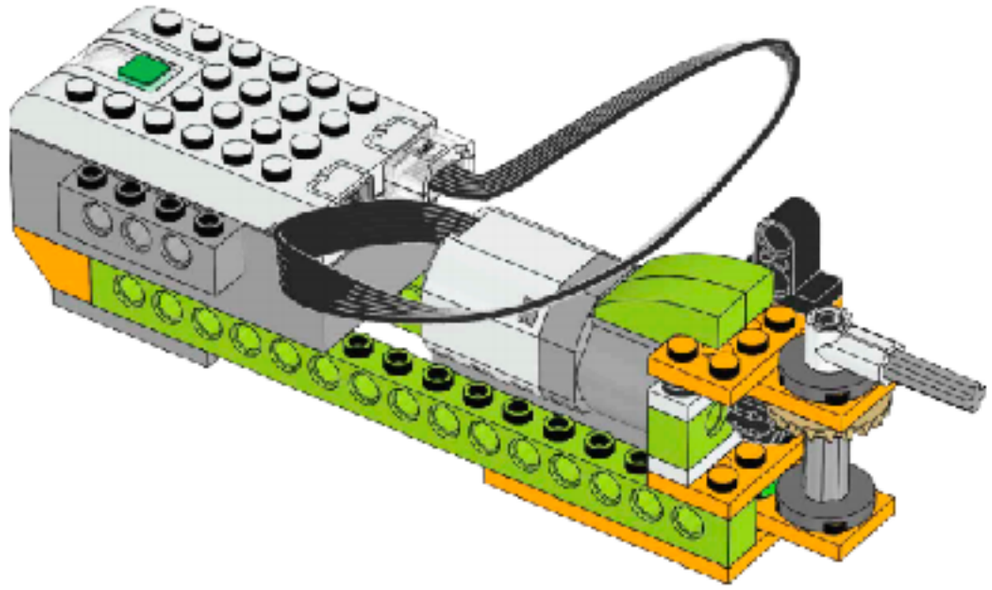
24





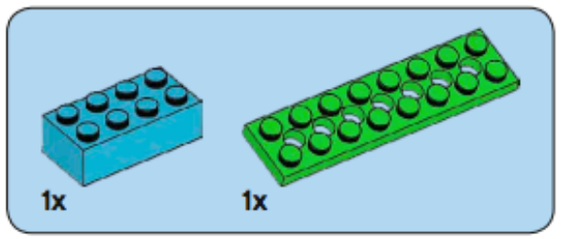
- 1 poutre avec plaque, 2 modules (noir)

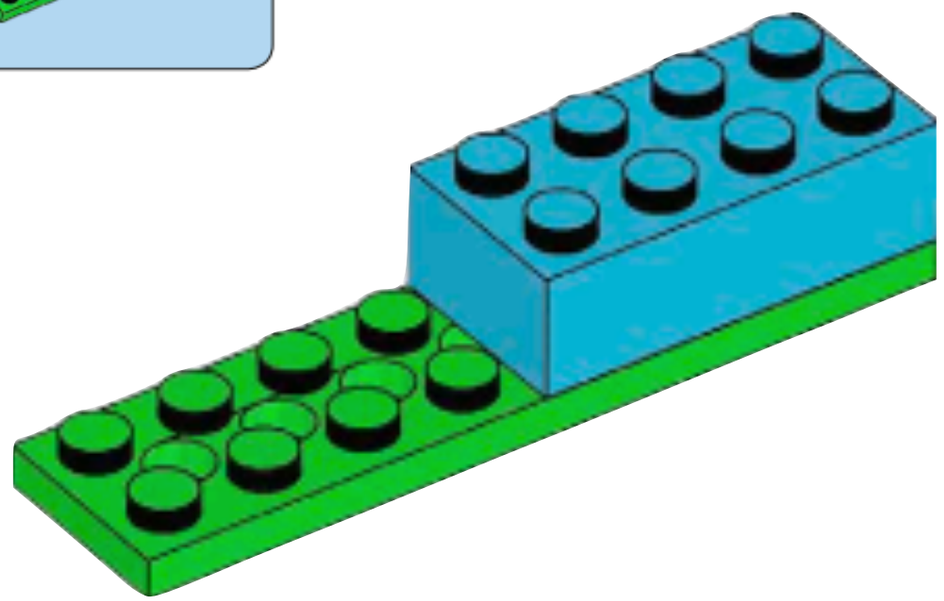
25



- 1 brique, 2x4 (bleu azur)
- 1 plaque percée, 2x8 (vert vif)

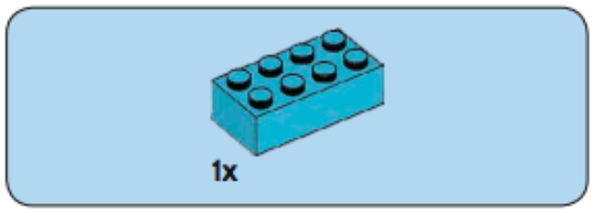
26

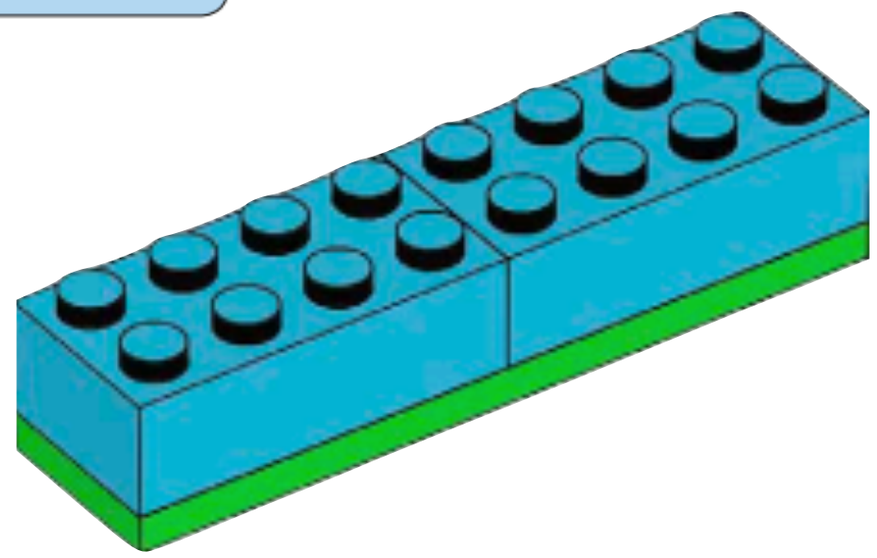




- 1 brique, 2x4 (bleu azur)

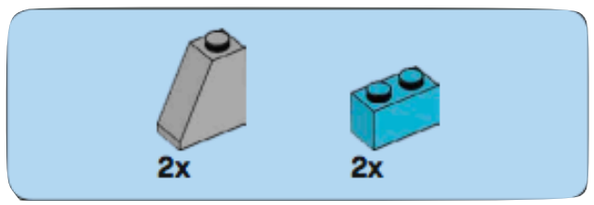
27

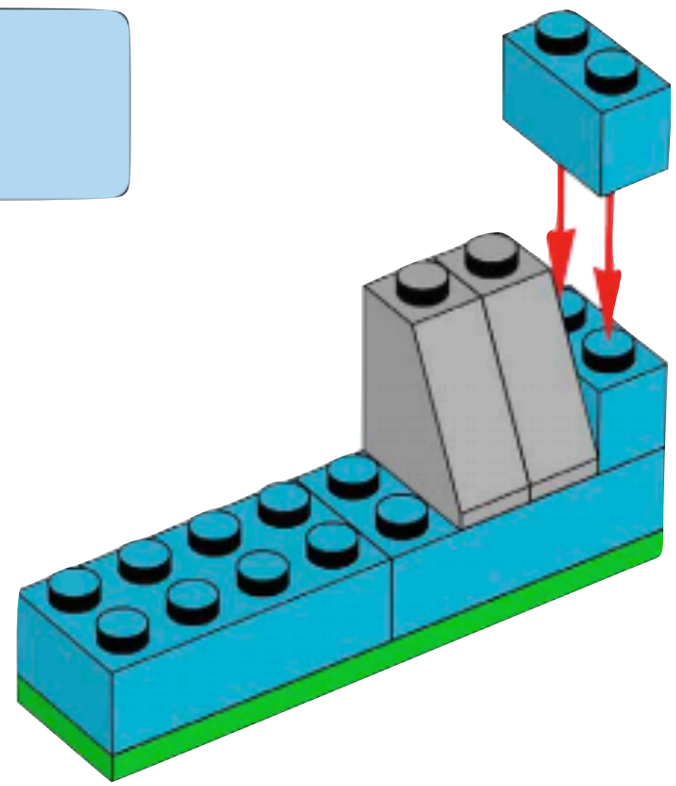




- 2 briques inclinées 1x2x2 (gris)
- 2 briques, 1x2 (bleu azur)

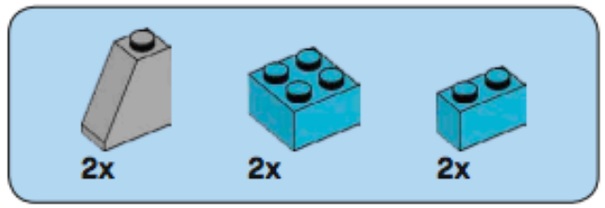
28

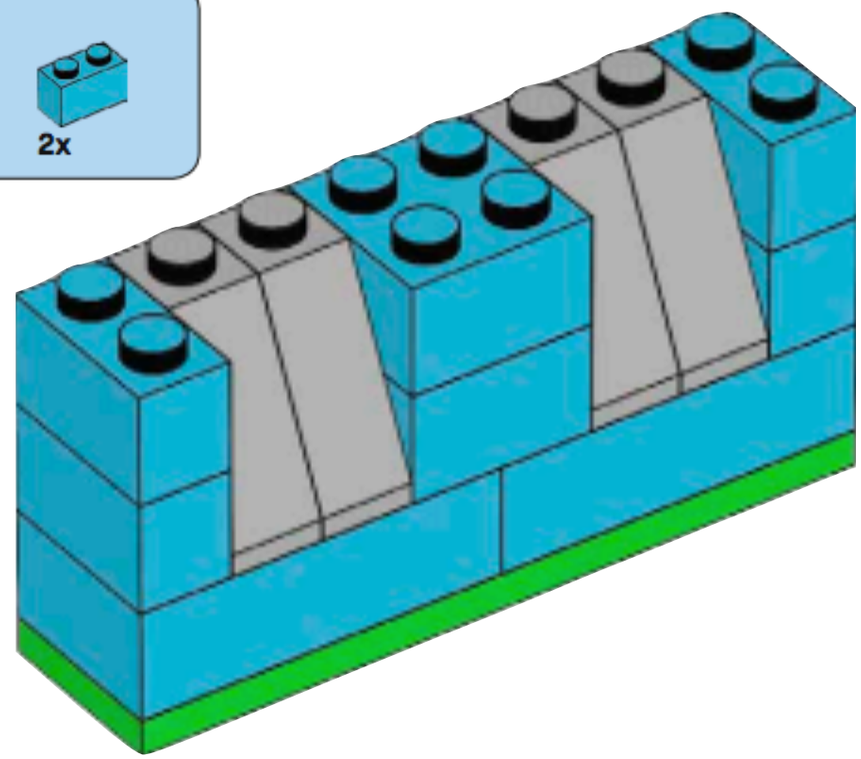




- 2 briques inclinées 1x2x2 (gris)
- 2 briques, 2x2 (bleu azur)
- 2 briques, 1x2 (bleu azur)

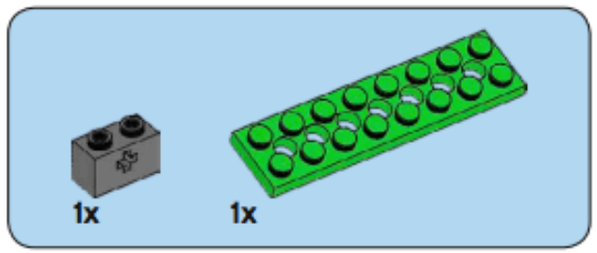
29

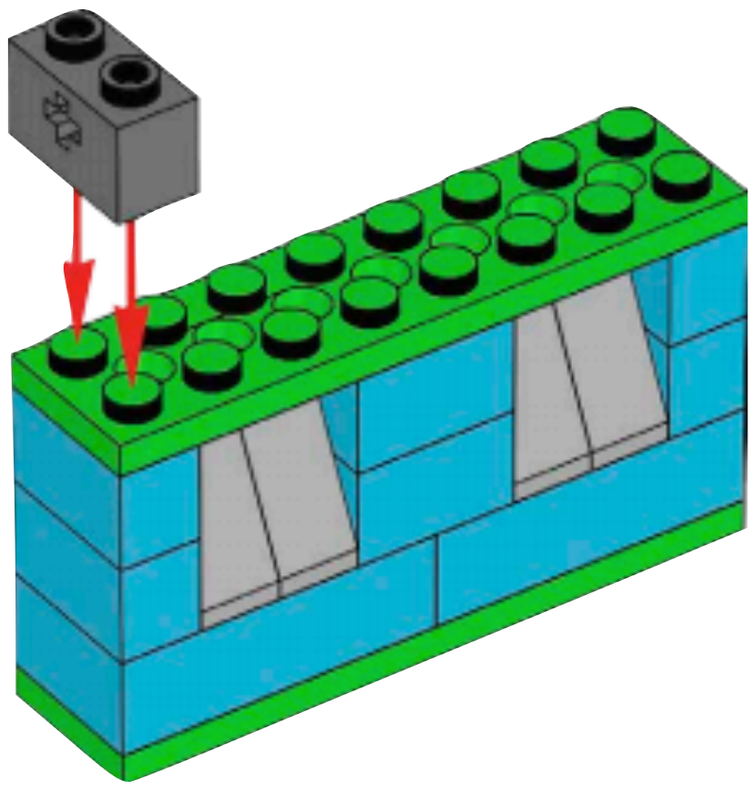




- 1 poutre perforée avec trou en croix, 1x2 (gris foncé)
- 1 plaque percée, 2x8 (vert vif)

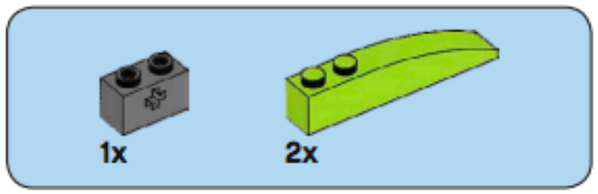
30

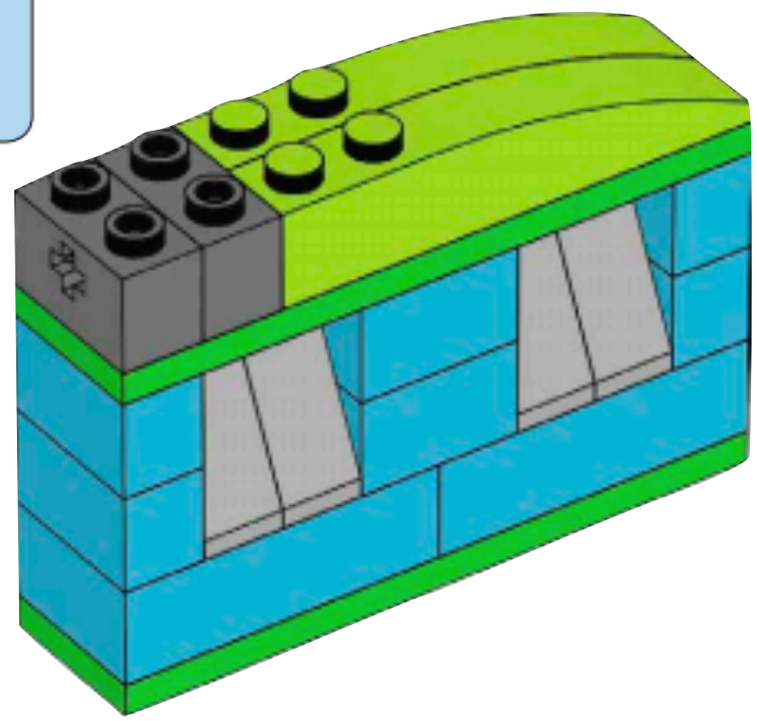




- 1 poutre perforée avec trou en croix, 1x2 (gris foncé)
- 2 brique incurvées, 1x6 (vert citron)

31





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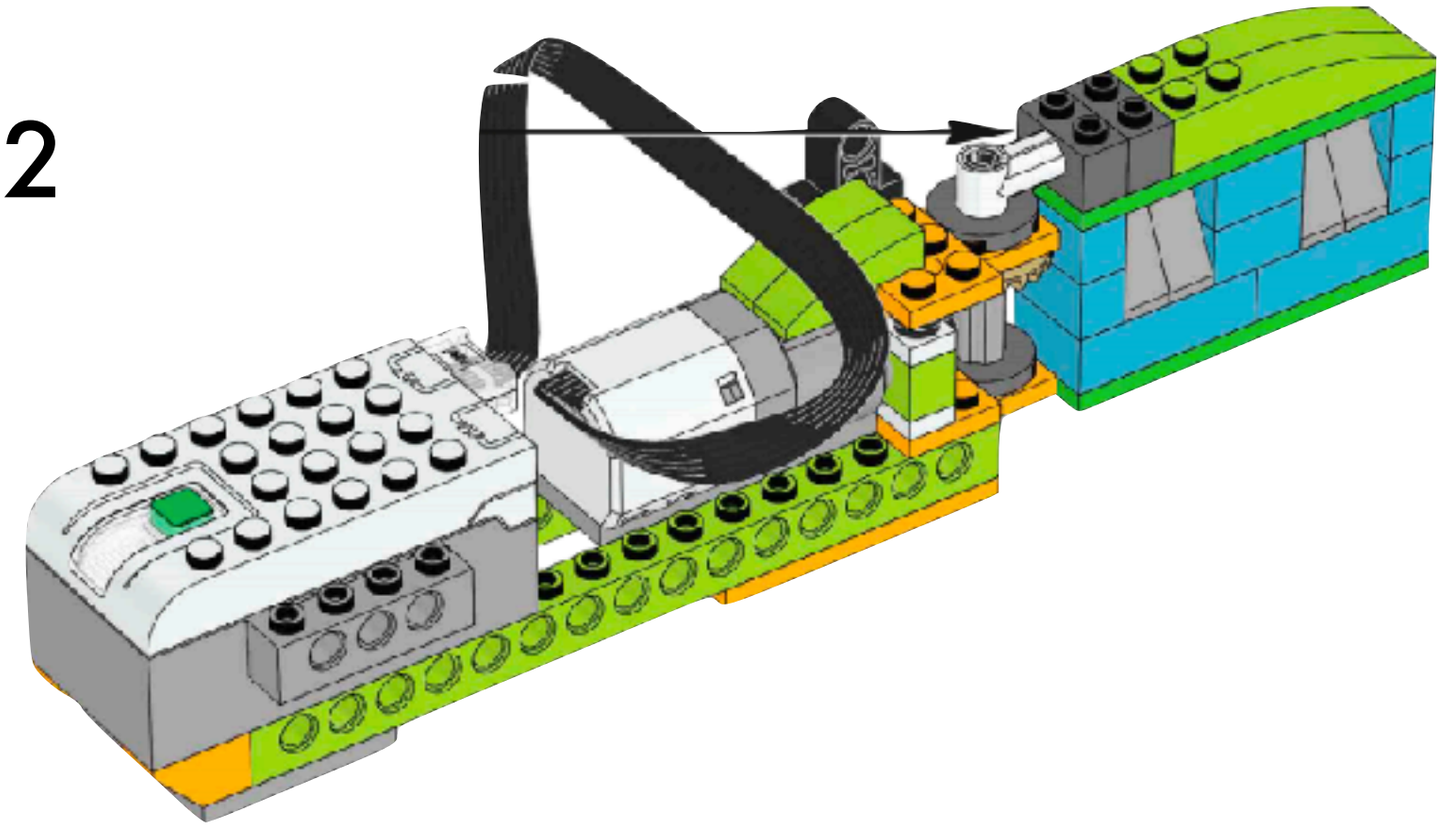
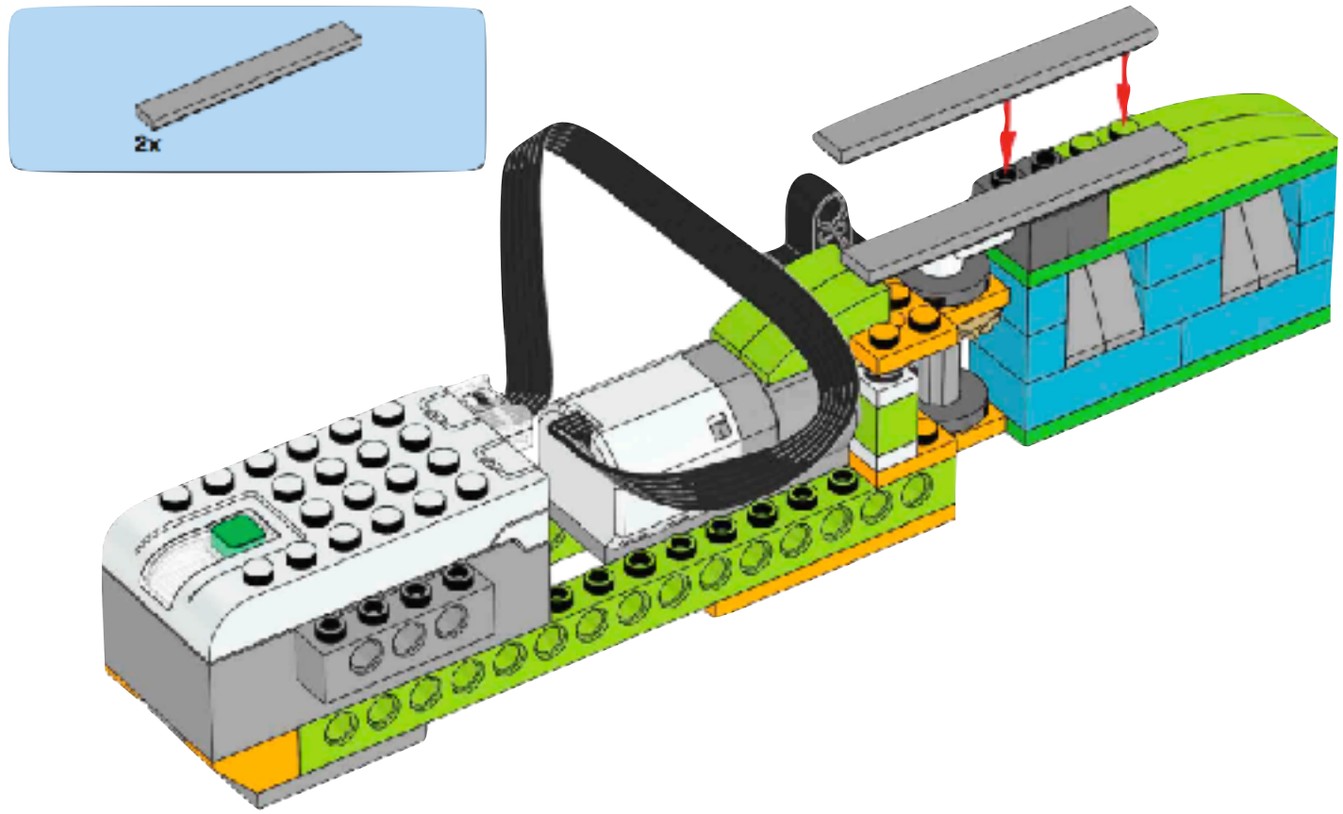


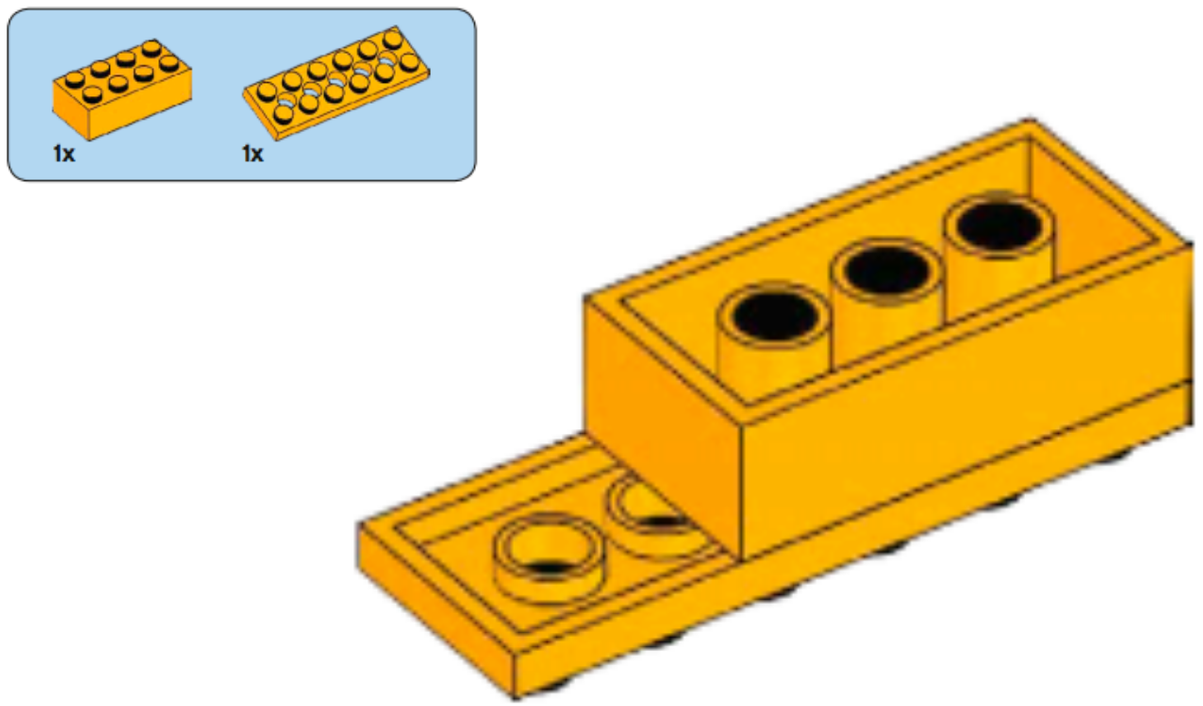
- 1 tuile,1x8 (gris)

33



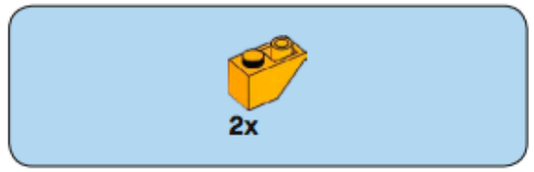
- 1 brique, 2x4 (orange vif)
- 1 plaque percée, 2x6 (orange vif)

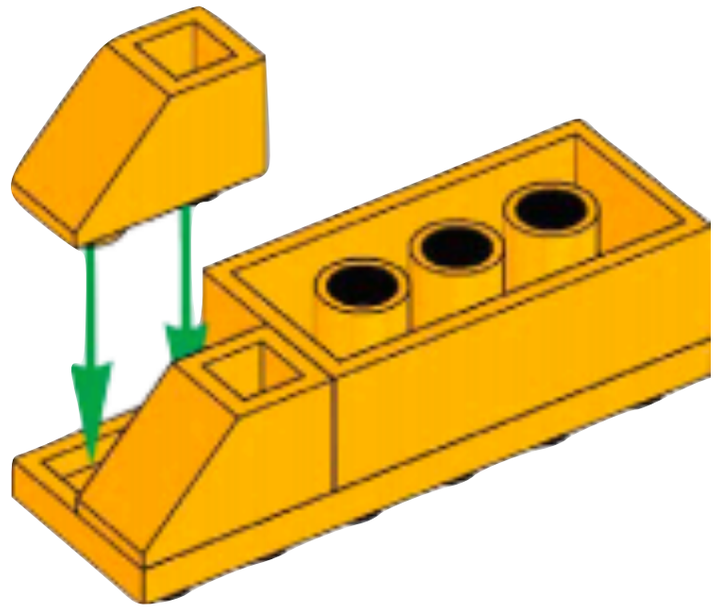
34



- 2 briques inclinées inversées, 1x2/45° (orange vif)

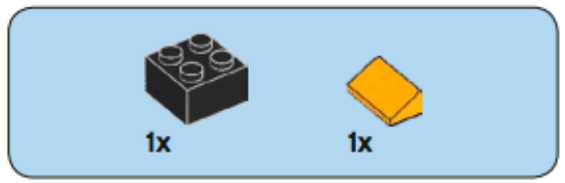
35

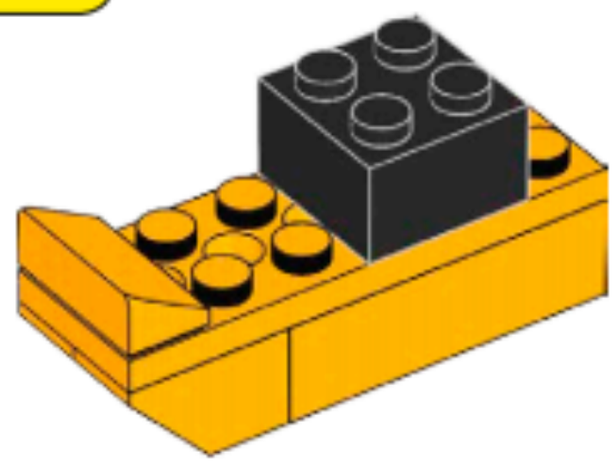




- 1 brique, 2x2 (noir)
- 1 brique inclinée, 1x2x2/3 (orange vif)

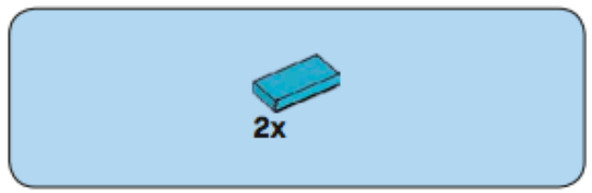
36

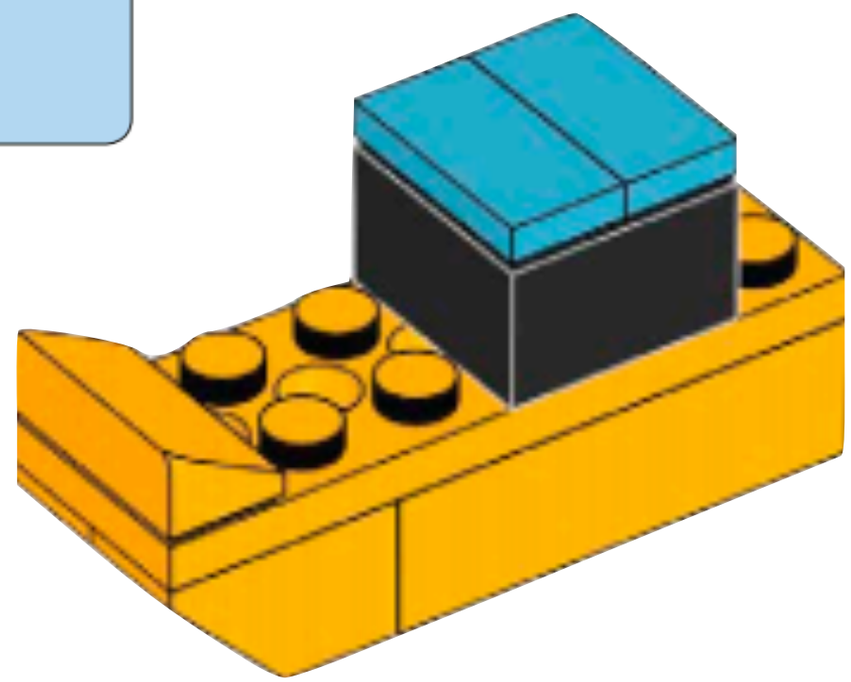


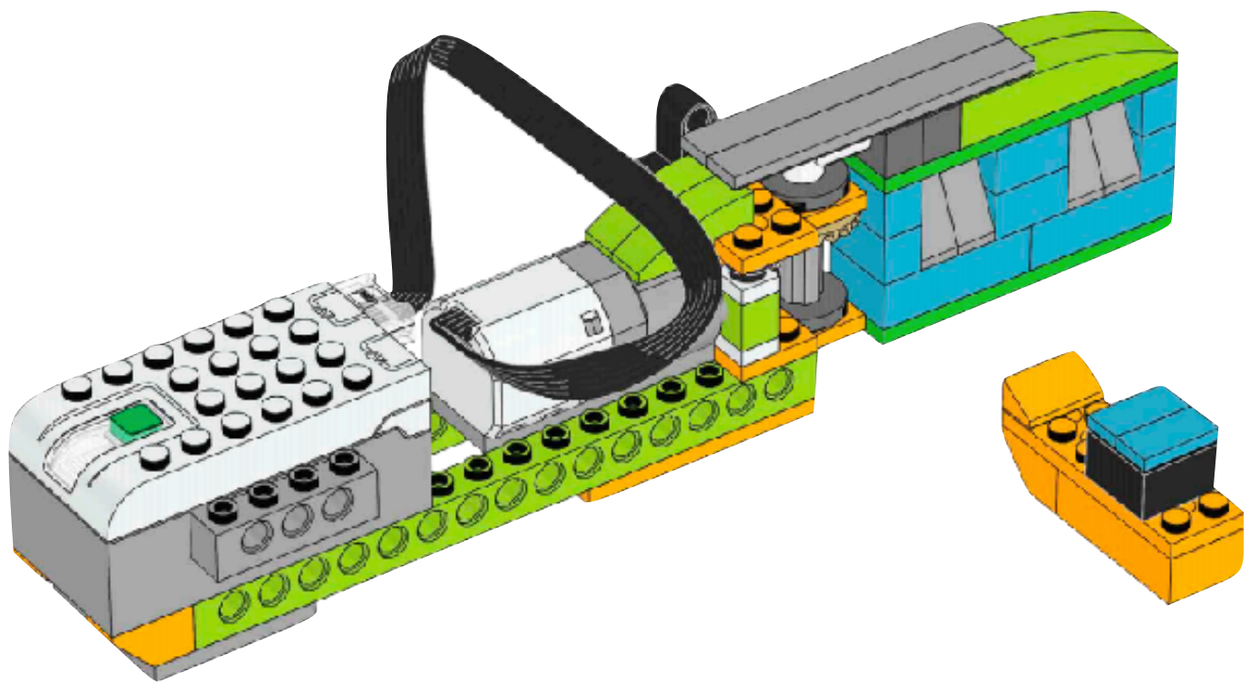


◆2 tuiles, 1x2 (bleu azur)

37





BRAVO!

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