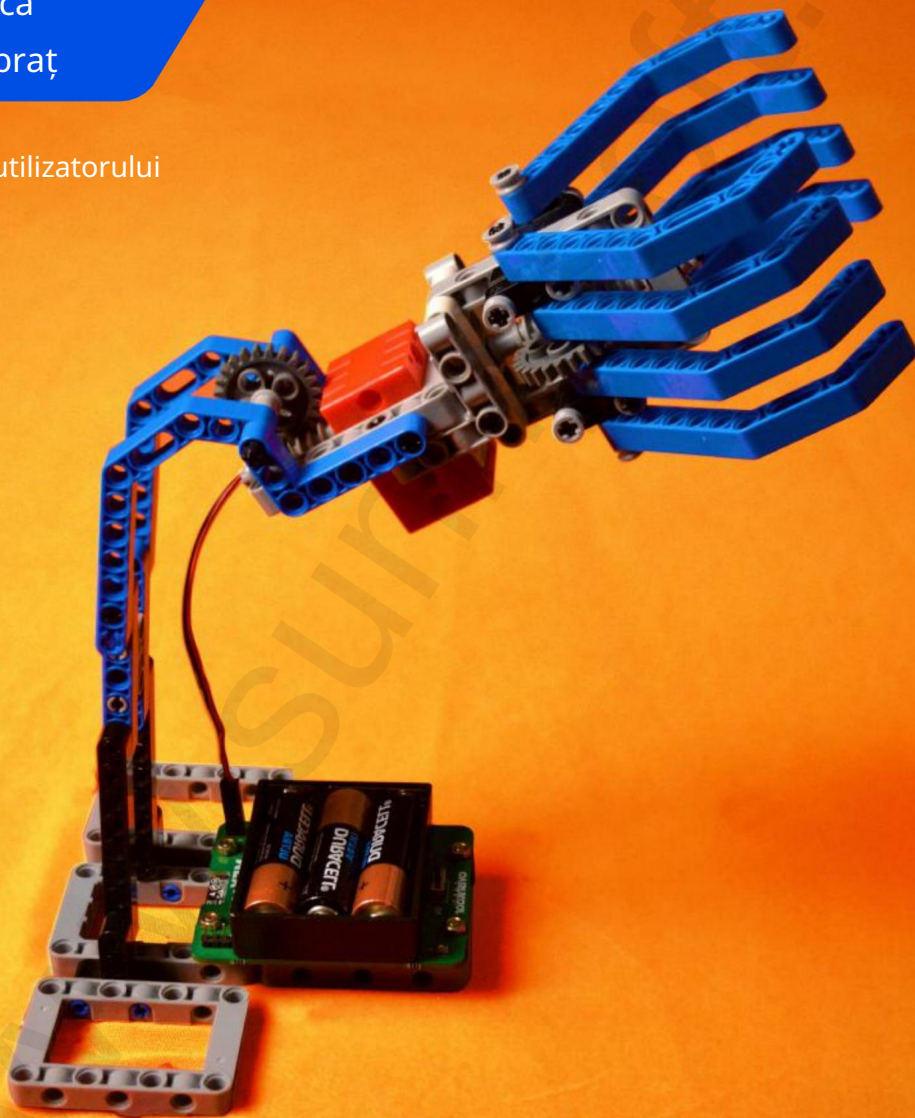


MEX

Robotică

Kit de braț

Ghidul utilizatorului



Profită la maximum de trusa ta

Inovează



Depunând jurământul
inovatorului

Depuneți jurământul inovatorului de la pagina
6 și înțelegeți ce înseamnă să fii
inovator.



Învăță să folosești manualul/
videoclipurile

Urmați instrucțiunile detaliate din manual
și aflați cum să construiți roboți
interesanți cu ajutorul kit-ului .



Creați, codificați
și gestionați

Construiți proiecte inovatoare
folosind kitul și controlați roboții cu
telecomanda Avishkaar și

cod folosind Avishkaar Maker
Studio.

.....▶ Distribuie — — —▶

▶ Câștiga



Alăturați-vă Let's

Avishkaar

Alăturați-vă comunității noastre pe FB - conectați-vă cu inovatori și obțineți cele mai recente informații despre webinarii.



Încărcați
proiecte

Încărcați proiecte pe www.avishkaar.cc și împărtășiți-le cu inovatori din întreaga lume.



Internat ional
concursuri

Participa la săptămânal, concursuri lunare și anuale și câștigă faimă în toată lumea.



Jurământul inovatorului

Luați angajamentul de inovator de mai jos și angajați-vă într-o căutare pe tot parcursul vieții de inovare și rezolvare de probleme. Distribuie fotografie pe comunitatea FB Let's Avishkaar.

Jur solemn că, odată ce mă voi lansa în călătoria inovației, nu voi renunța până când inovația mea, proiectul meu, nu va fi finalizată. Îmi voi perfecționa abilitățile și instrumentele și le voi folosi bine. Inovația și eu voi fi de nedespărțit.

Întotdeauna voi împărtăși inovațiile mele cu alți inovatori și voi învăța de la ei.

I (scrie-ti numele)

*solemnly swear that, since I am
now on the path of innovation,
I will not give up until my
innovation, my project is ready.
I will hone my skills and tools
and use them well. Innovation
and I will be inseparable.
I will always share my
innovations with other
innovators and learn with them.*

semnătură

Bine ați venit pe site-ul lui Avishkaar

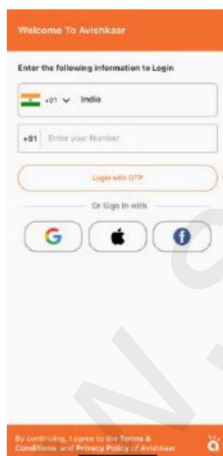
Descărcați aplicația Avishkaar

Descărcați aplicația Avishkaar scanând codurile QR de mai jos:



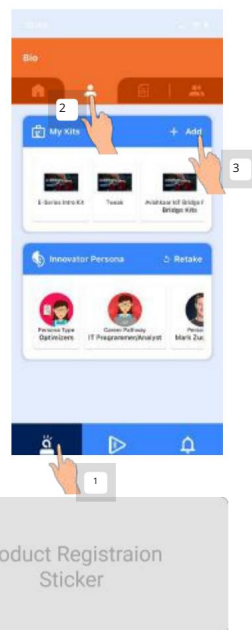
1 Creați un cont

Deschideți aplicația și urmați instrucțiunile de pe ecran pentru a crea un cont.

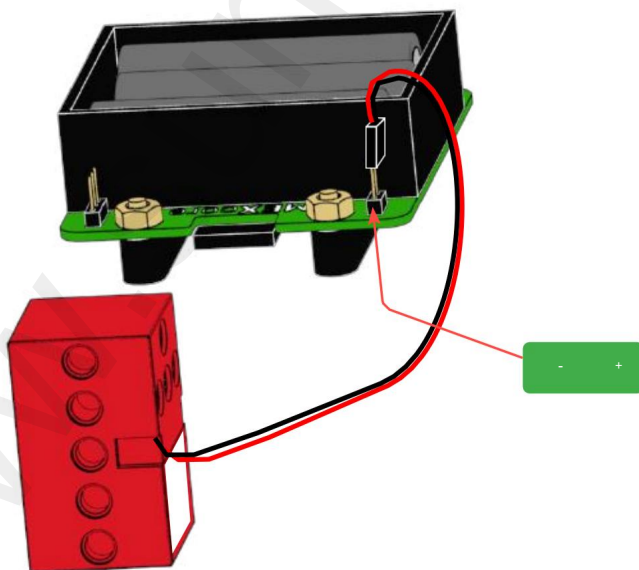
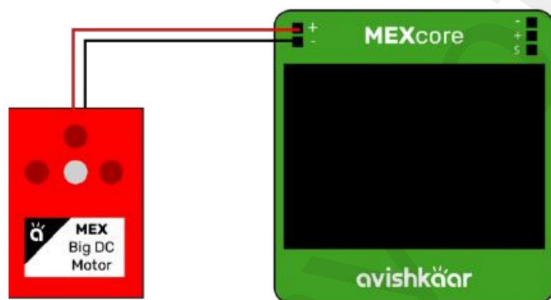


2 Înregistrați-vă trusa

În aplicație, accesați secțiunea „Profil” și faceți clic pe „+ Adăugați mai multe” în secțiunea „Kiturile mele” pentru a vă înregistra kitul. Acest pas este important pentru controlul ulterior al robotului.



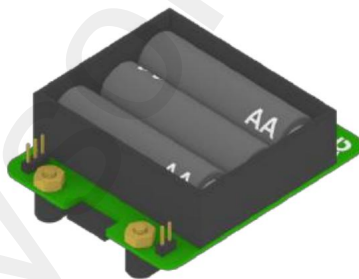
Cum se conectează un motor la MEXcore



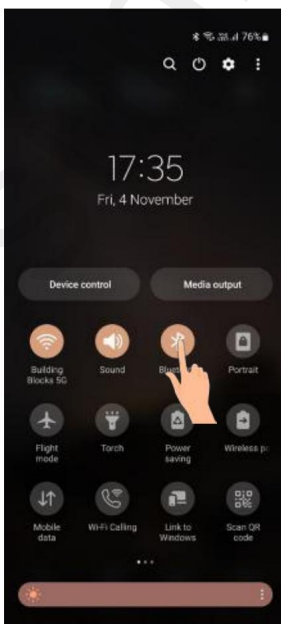
Controlul aplicațiilor

- 1 Introduceți bateriile în dispozitivul MEXcore și porniți-l. Observați că LED-ul MEXcore clipește verde.

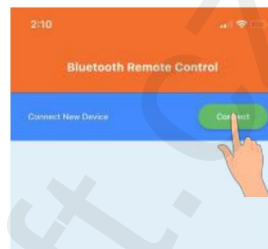
Notă - Folosiți numai baterii alcaline AA. (Alte tipuri de celule pot deteriora MEXcore.)



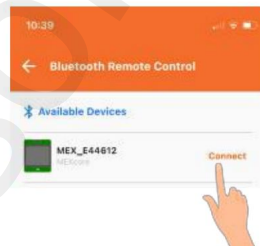
- 2 Activați Bluetooth pe telefon.



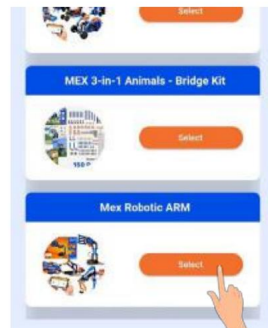
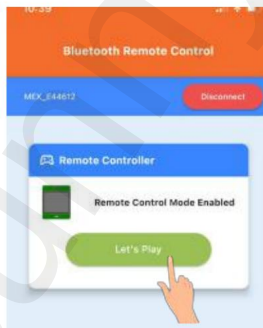
- 3 Deschideți aplicația Avishkaar și faceți clic pe butonul „Play” din secțiunea „Acasă”.



- 4 Faceți clic pe "Conectare" Aplicația ar trebui să poată găsi MEXcore-ul dvs. dacă este pornită. Odată ce aplicația detectează MEXcore dvs., faceți clic pe "Conectați".



- 5 Faceți clic pe „Let's Play” și selectați „MEX Robotics Arm kit” din meniul derulant.



- 6 Se va deschide ecranul telecomenzii, permițându-vă să controlați motorul.

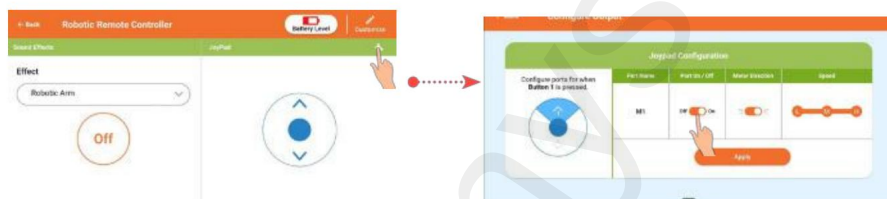


Configurare

Efecte sonore



Joystick



Verificarea echipamentului

Caseta 1 (electronic)



Avishkaar
MEXCore
x1



Motor DC mare MEX
x 1

Caseta 2 (Piese de construcție)

GRANDĂ



Fascicul 15H
x 1



13H
Grinda
x1



Fascicul 11H
x1



3H
Grinda
x4



Fascicul 9H
x2

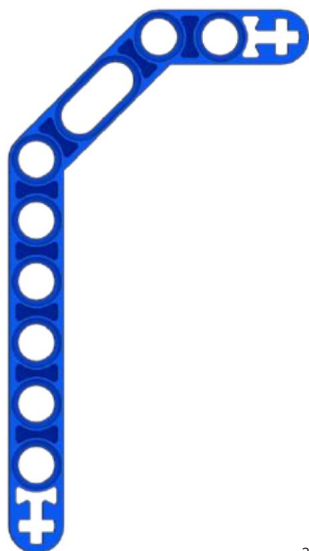


Fascicul 5H
x2

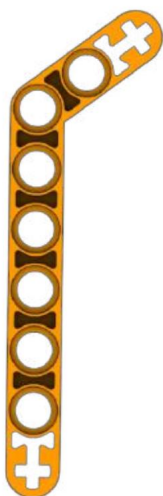


7H
fascicul
x4

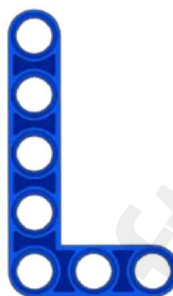
Notă: „H” înseamnă găuri. de ex. grindă 15H înseamnă o grindă cu 15 găuri.



Fascicul
dublu îndoit
2Cx10H
x 10



2C x7H Single cot x2



7H fascicul în
L x5



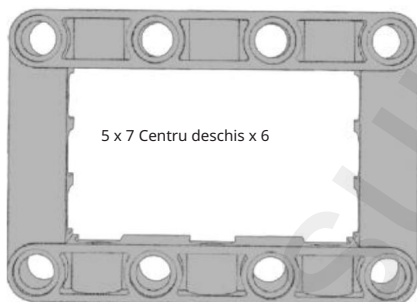
Fascicul L 1Cx4H
x3



2Cx1H
grindă subțire
x1



5H grindă în T
x2



5 x 7 Centru deschis x 6

Umpluturi



Umplere axă - mare x 16



Umplere axă - mică x16

TRANSMISII



Pinion 24T x3



Pinion
16T

x2



Angrenaj conic
dublu 12T
x2



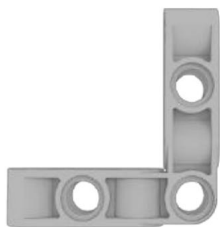
Angrenaj conic
dublu 20T

x1



Unelte melcate - mare x3

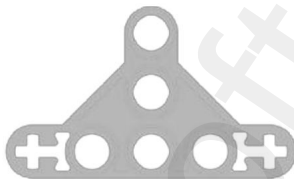
CONECTOARE



Conector L perpendicular 4x4
x2



Conector
3Hx4 pin x1



Triunghi 2C x 5H
x2



1C x 1H
Conector vertical x2



Conector axă perpendiculară
cu trei pini x1



Conector unghi
axă - 180
x2



Conector unghi ax
-135 x2



2C x 1H
Perpendicular
x4

ACEI



Pin lung-albastru x 13



Pin lung - galben x1



Pin din mijloc - negru x22



Pin gri mediu x 2

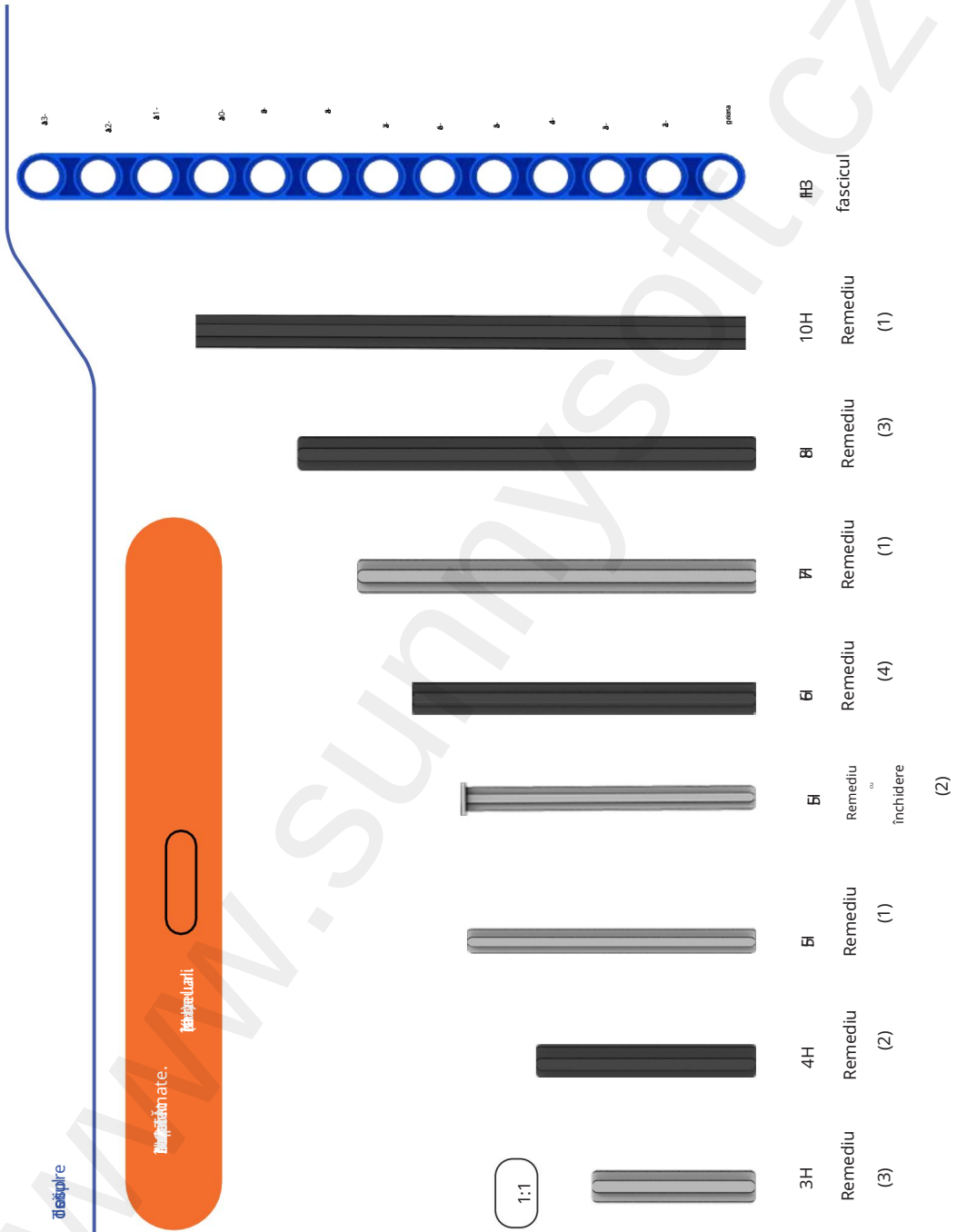


Axul central
al axei -
albastru x2



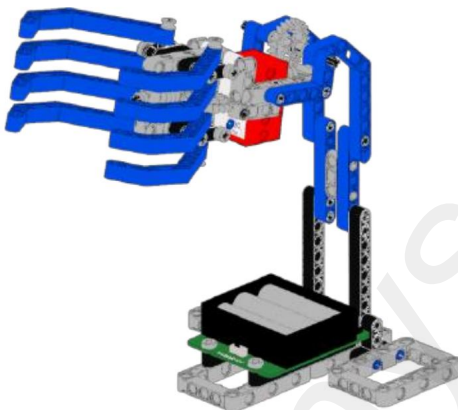
Pin scurt - galben x2

Notă: „Notă: „C” înseamnă „Cross”. De exemplu, „1CX4H L-Beam” are o cruce și patru găuri.



Proiectul 1: MEX Grabber

Să construim!



Lucruri de care avem nevoie



fascicul 9H
x2



fascicul 7H
x2



fascicul 5H
x2



Grindă în formă de 7H
litera L
x2



fascicul 3H
x4



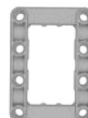
2Cx10H
grindă dublă de
îndoire
x10



5H grindă în T
x2



4 x 4 perpendicular
Conector L x 2



Deschis
centru
x6



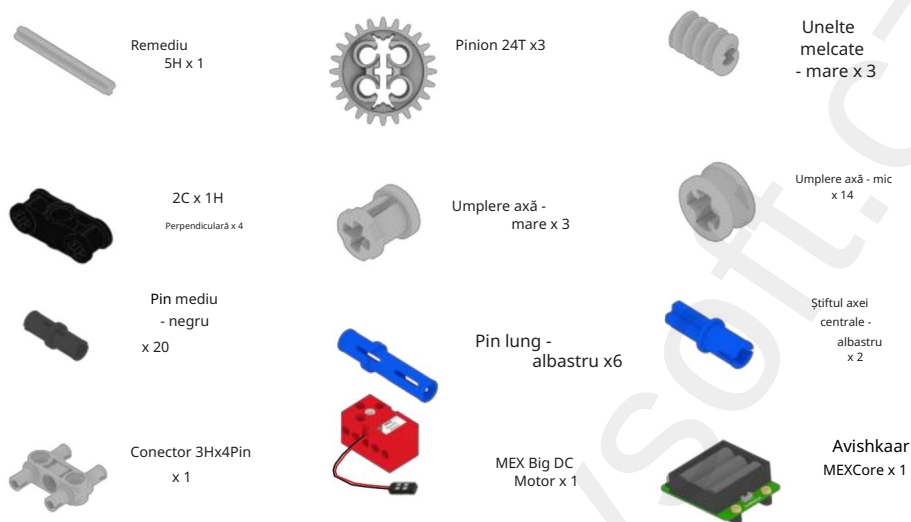
Remediu
10H x
1



Remediu
8H x
3

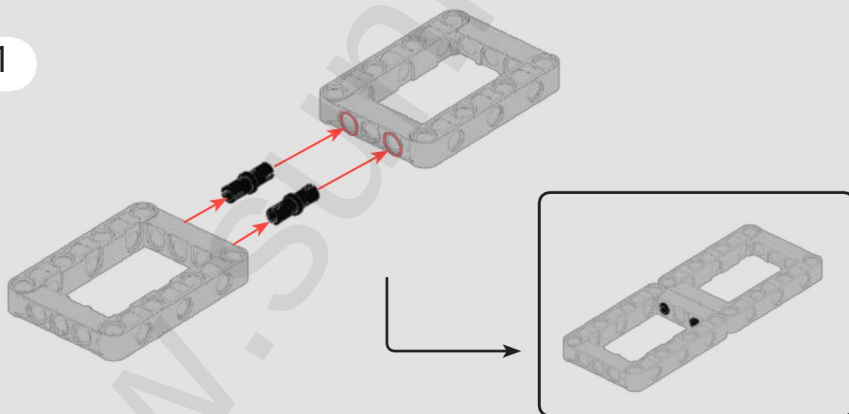


Remediu
6H x
4



Pași

1



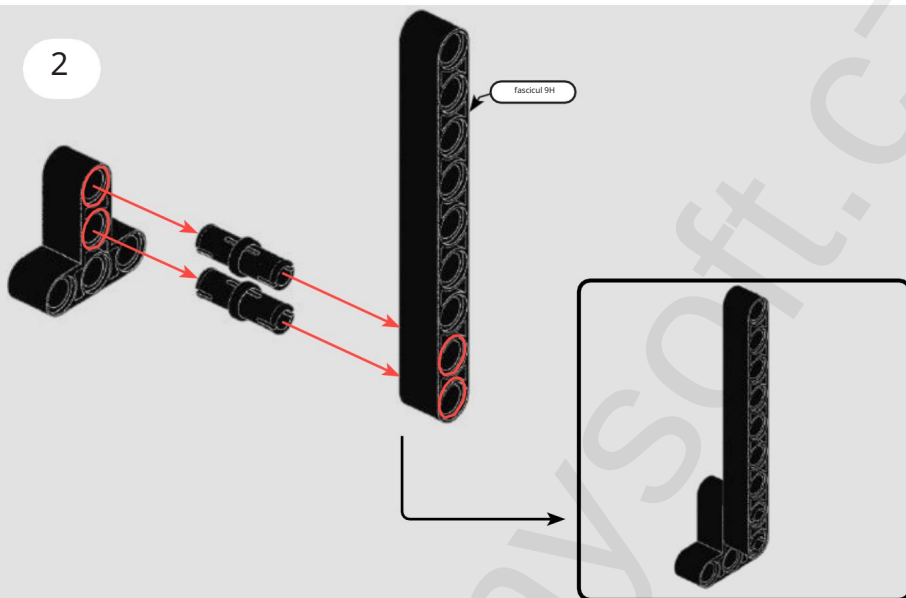
Sfat de asamblare



Știfturile negre din mijloc sunt puțin mai greu de introdus!
Dar nu-ți face griji. Apăsăți și asigurați-vă că îmbinarea este sigură.
Va rezista puțin :)

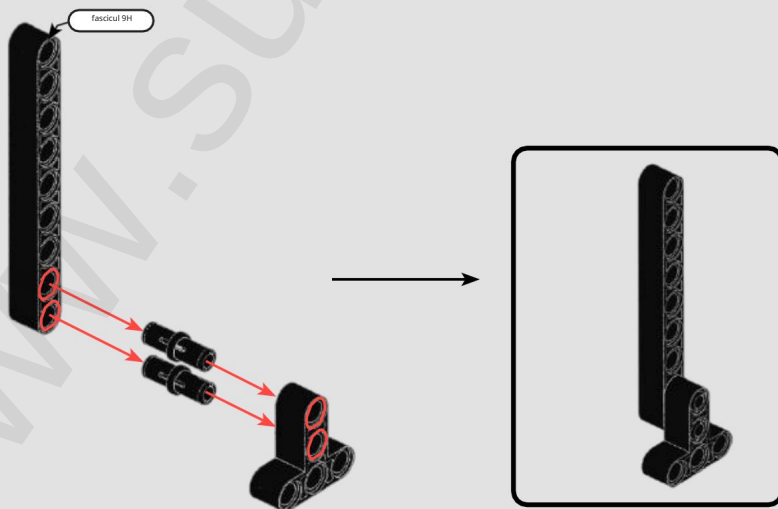


2



3

Să creăm o altă pagină.

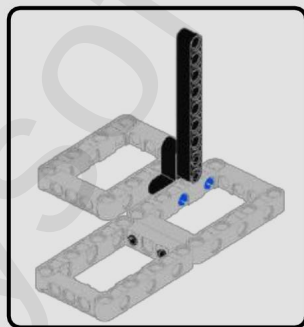
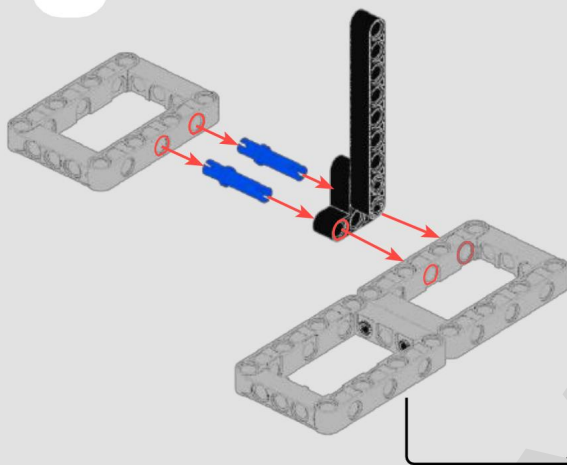


4

1:1

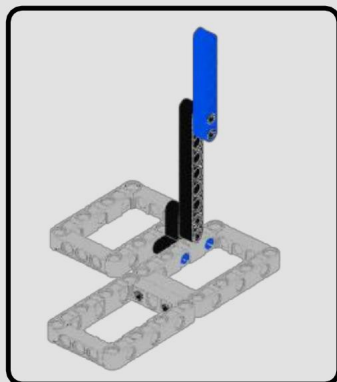
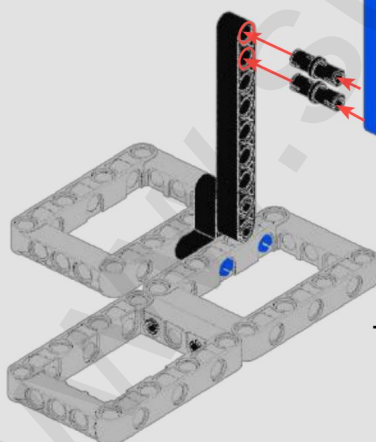


Pin lung albastru

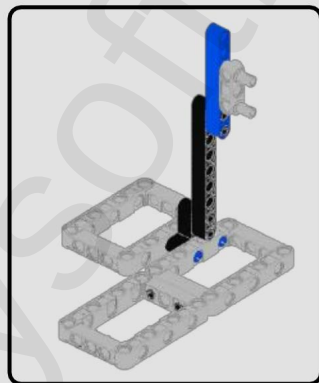
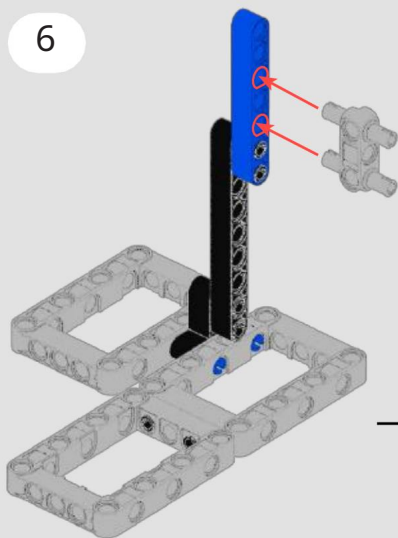


5

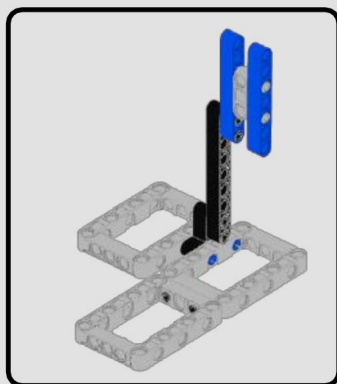
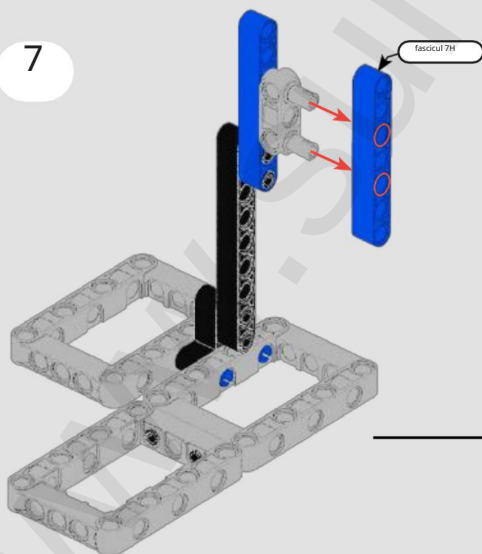
Tăcuțică 7H



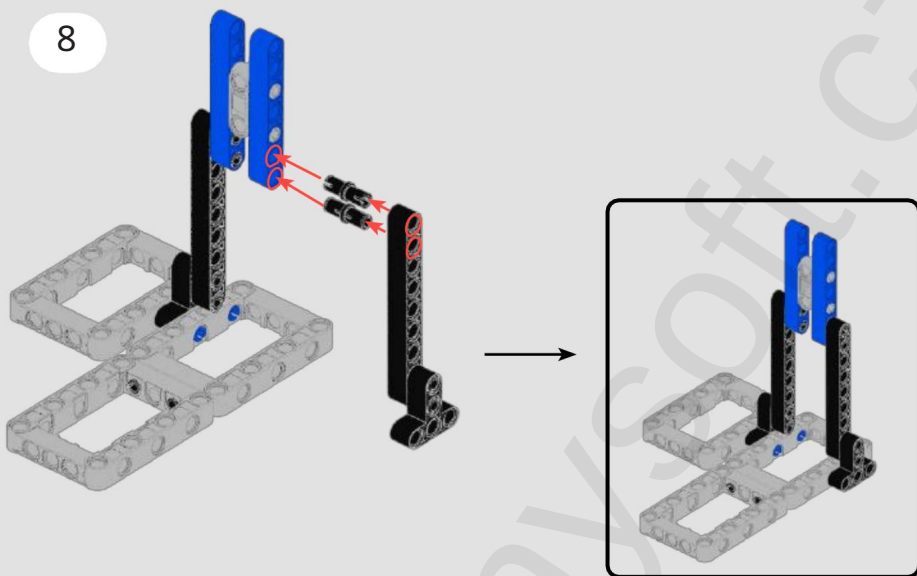
6



7



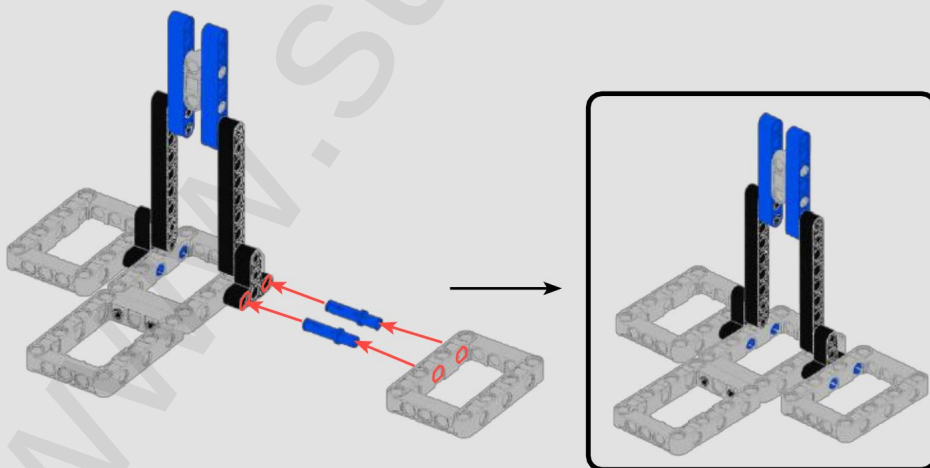
8



9

1:1

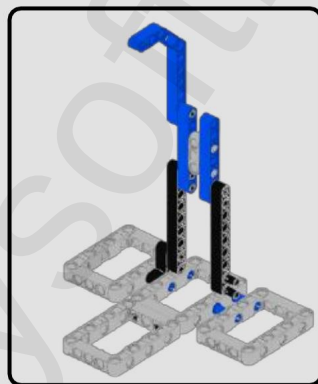
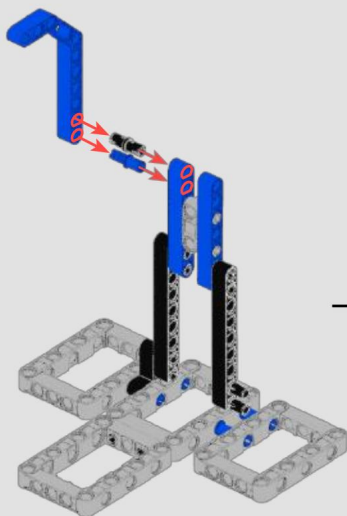
Pin lung albastru



10

1:1

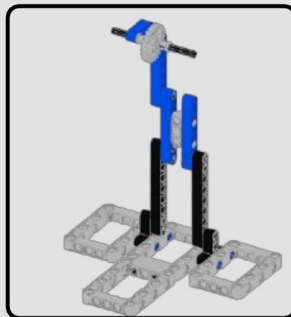
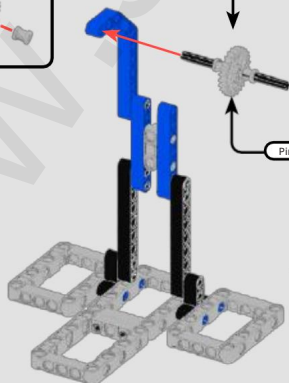
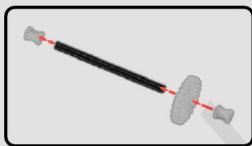
Axul central albastru



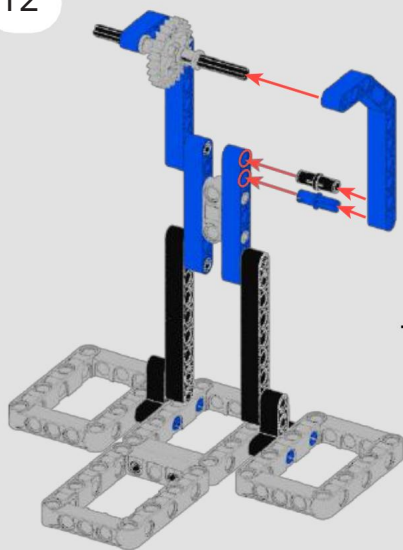
11

1:1

Axa 8H



12



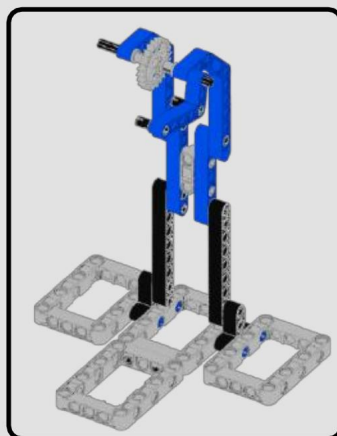
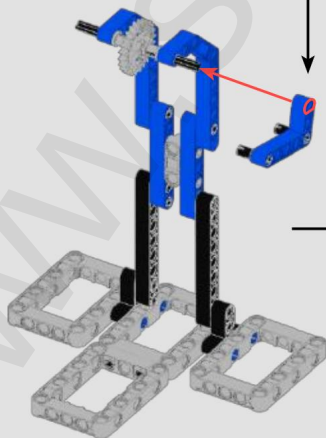
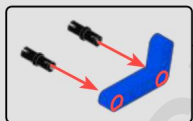
1:1



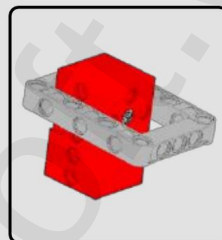
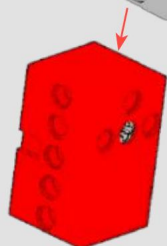
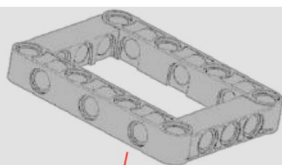
Axul central albastru



13



14



Sfat de asamblare



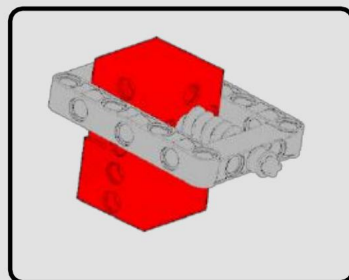
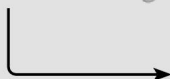
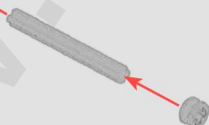
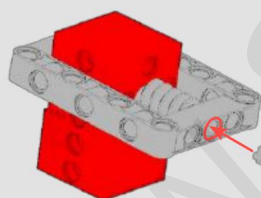
Știfturile centrale negre pot fi introduse doar pe o parte a motorului!
 Știfturile negre pot fi introduse doar în partea laterală a motorului cu autocolantul alb. Pe de alta
 Doar ace mici galbeni pot fi folosiți pe lateral fără autocolant.



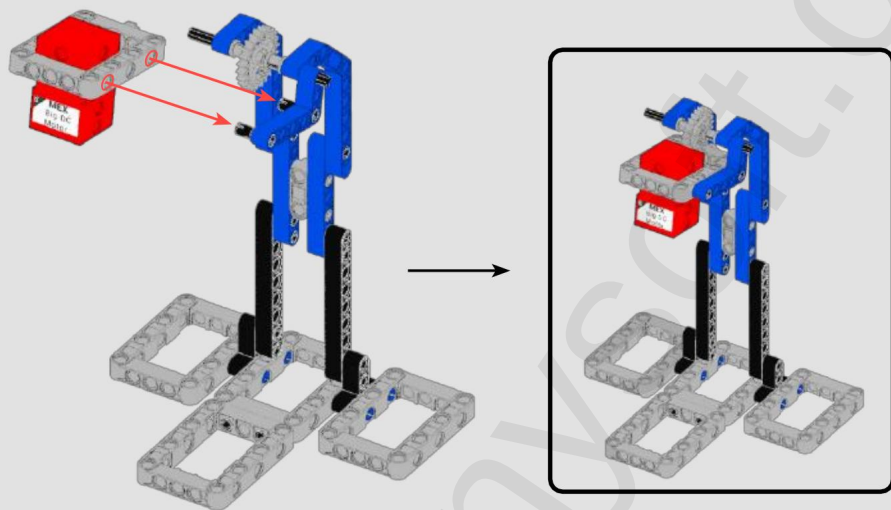
15

1:1

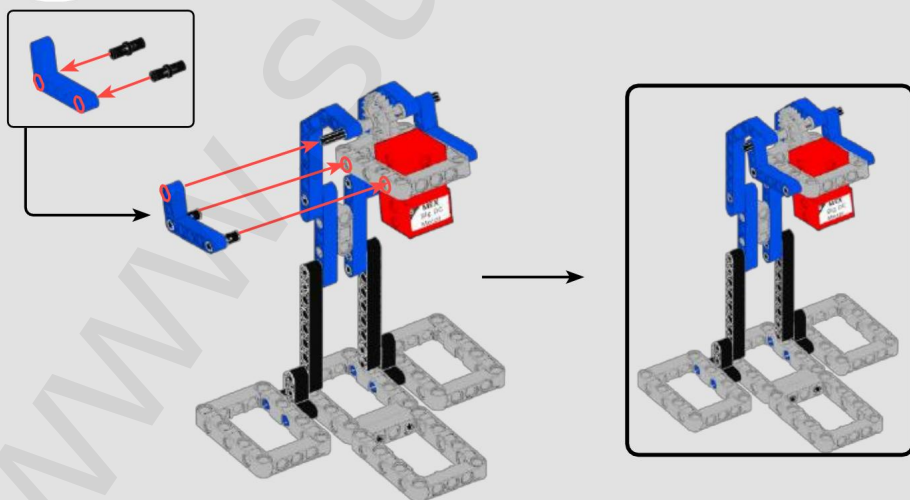
Axa 5H



16



17



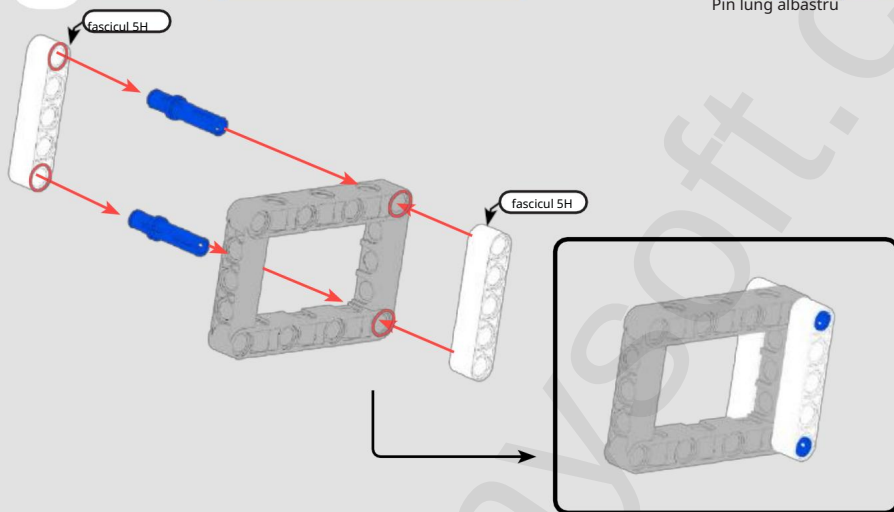
18

Să creăm fălci

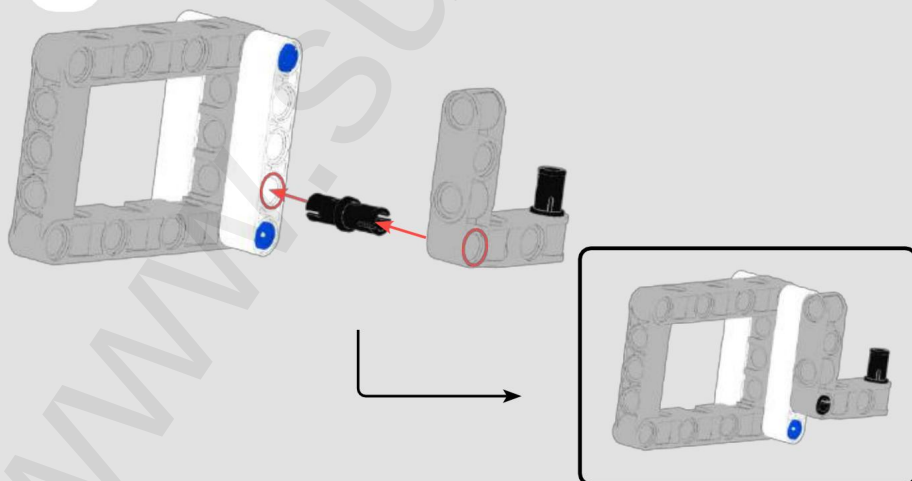
1:1



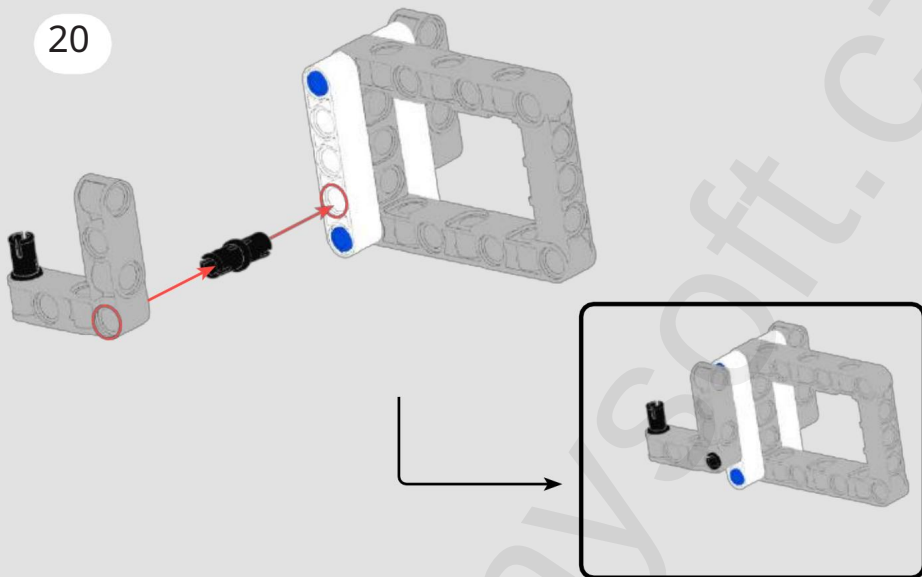
Pin lung albastru



19



20

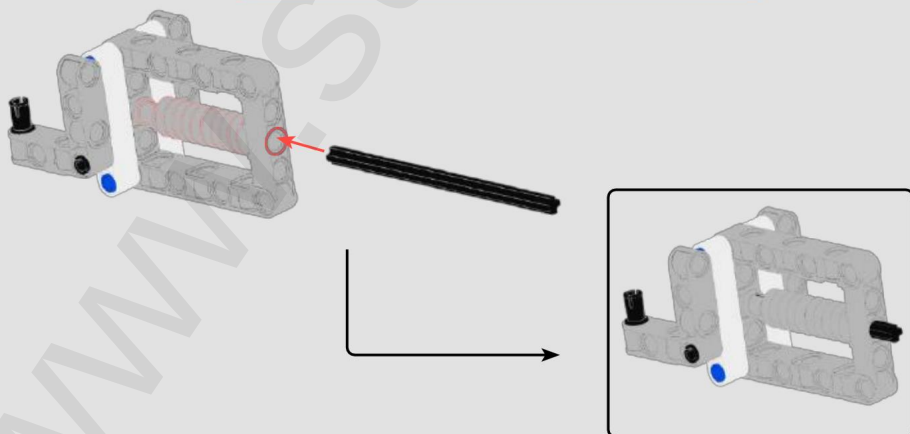


1:1

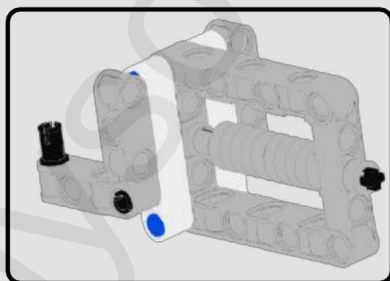
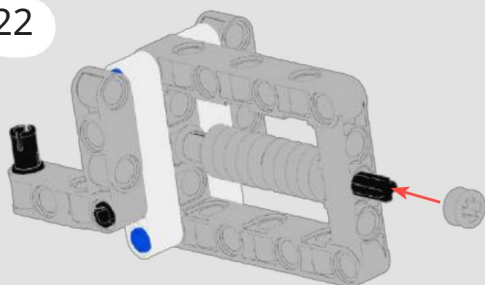
axa 10H

21

Notă: utilizați două angrenaje melcate-Big.



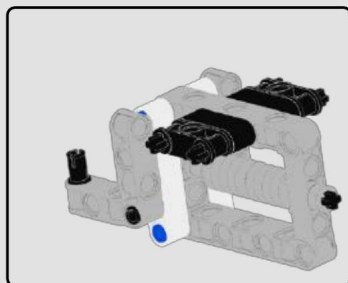
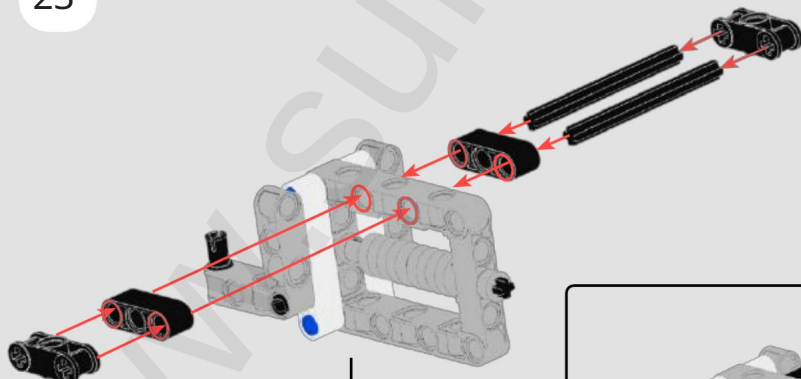
22



23

1:1

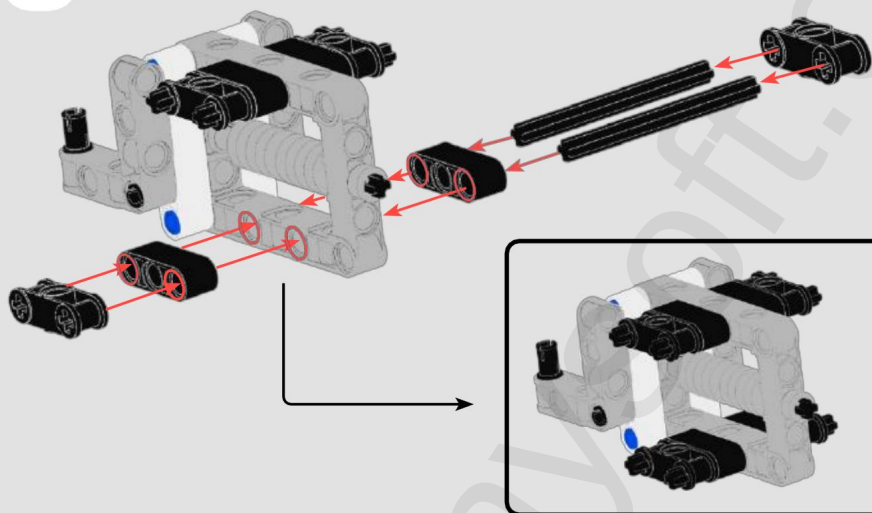
axă 6H



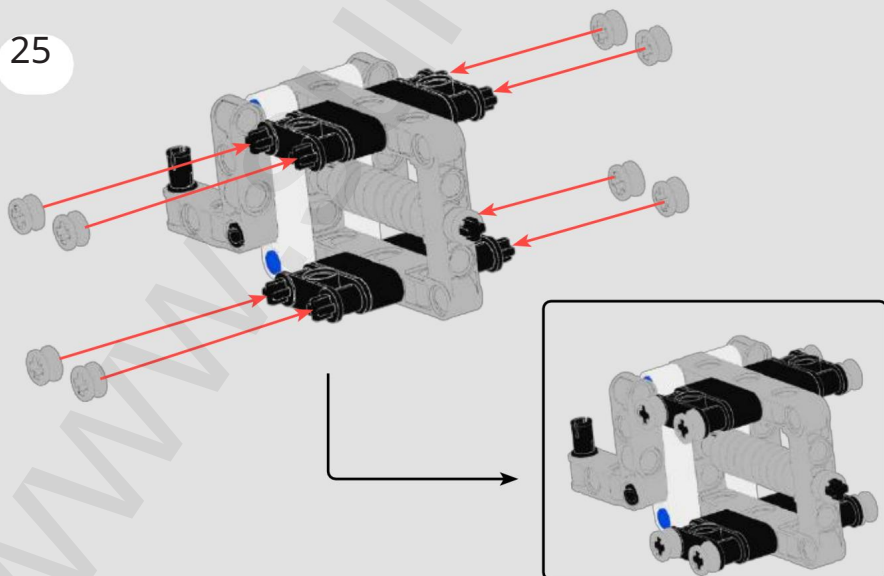
24

1:1

axă 6H



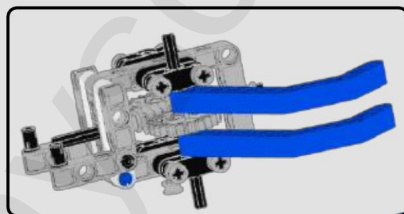
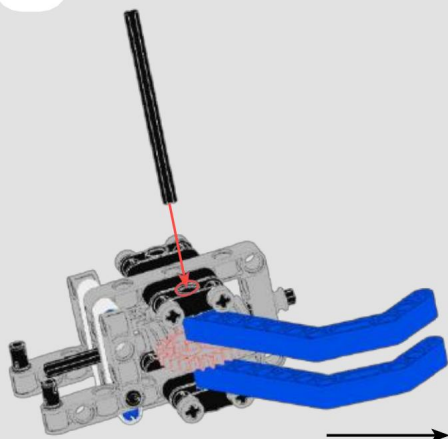
25



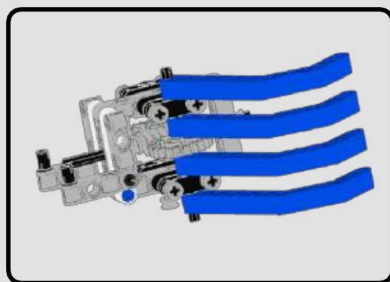
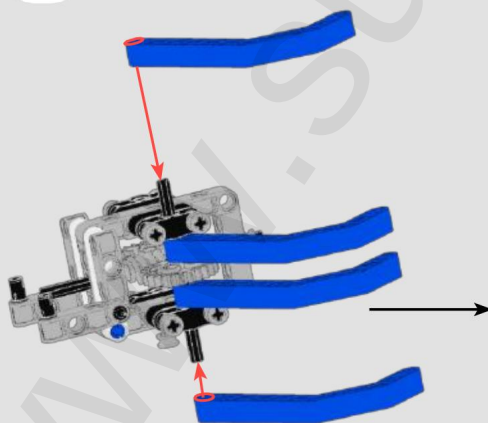
26

1:1

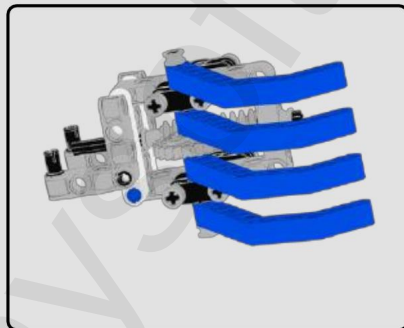
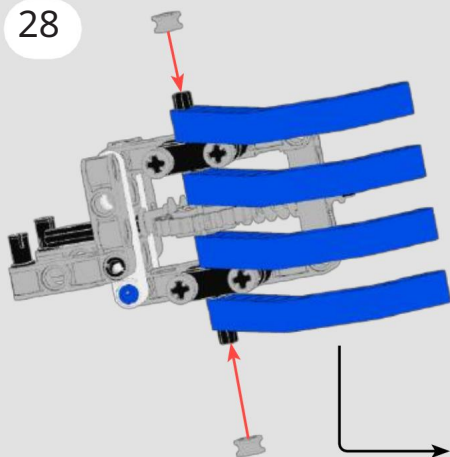
Axa 8H



27



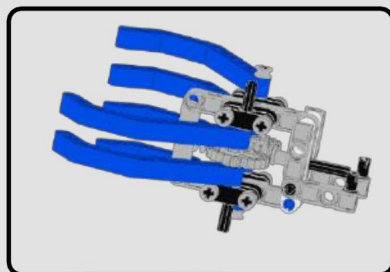
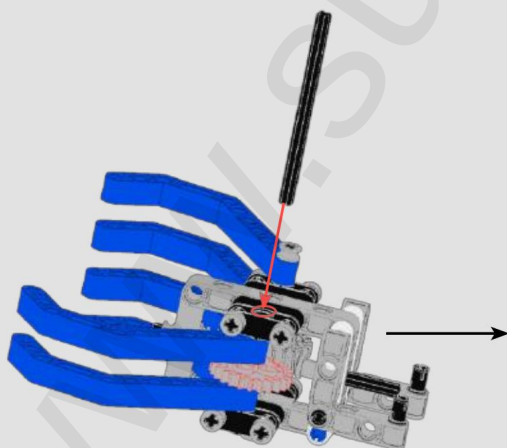
28



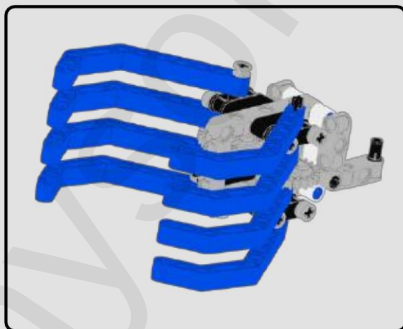
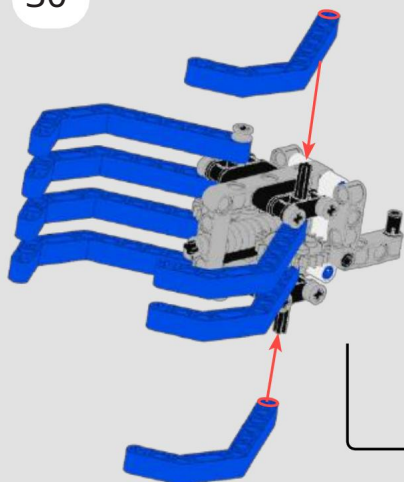
29

1:1

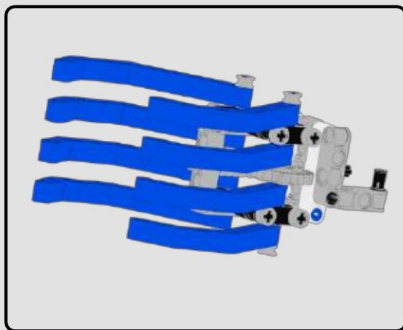
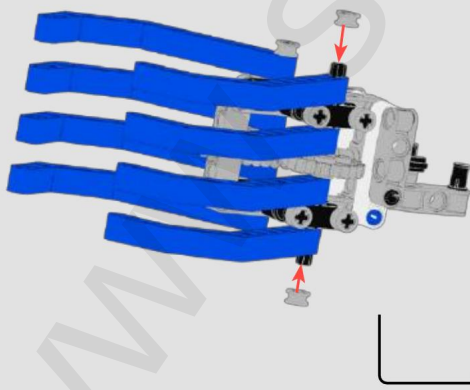
Axa 8H



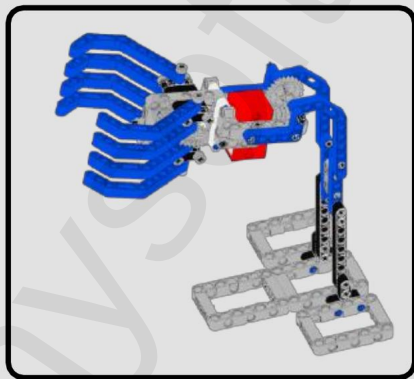
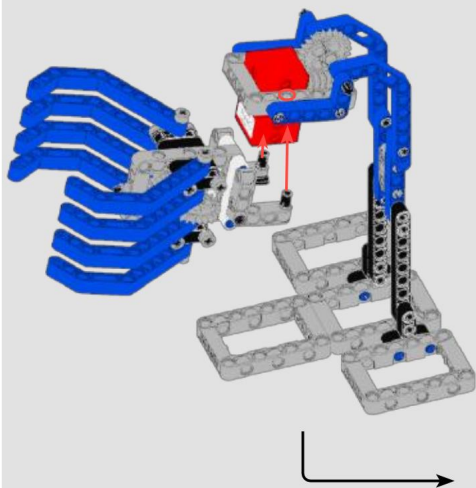
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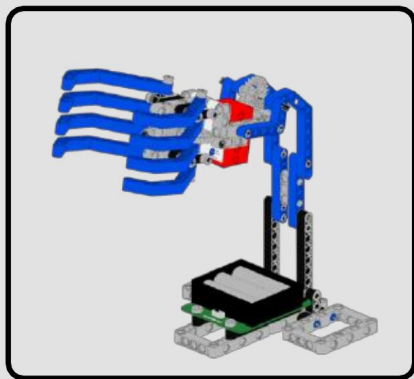
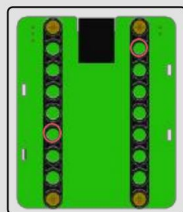
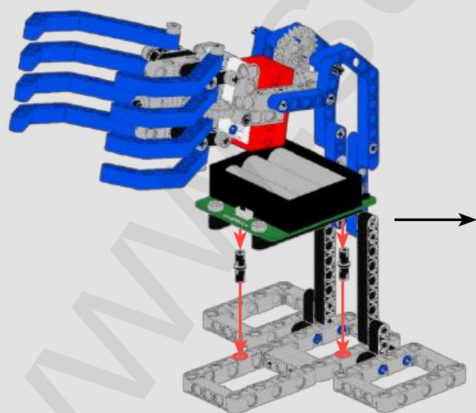
31



32



33



Felicitări pentru finalizarea acestui proiect!

Ești nerăbdător să te joci cu el?
folosind aplicația mobilă avishkaar?



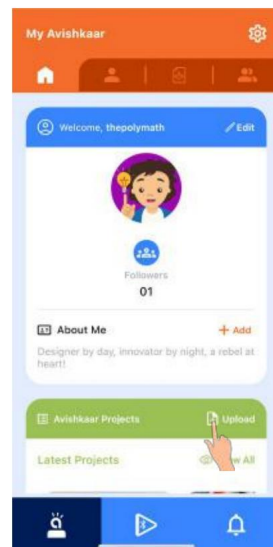
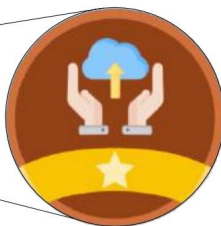
.....

Împărtășește-ți creația lumii și câștigă insigna de nivel 1 „Scratch the Surface”.

Încărcați fotografiile sau videoclipuri ale proiectului dvs. folosind secțiunea proiecte din aplicația Avishkaar și obțineți prima insignă. Niveluri „Scratch the Surface”.

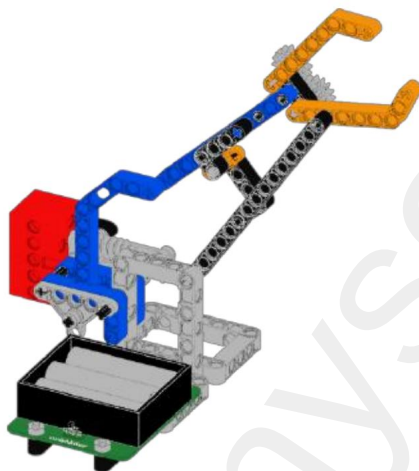
Puteți vizualiza toate insignele colectate vizualizați în secțiunea realizări a profilului dvs. la site-ul web www.avishkaar.cc.

Explorați toate celelalte insigne pe care le puteți Adună-le pe toate și câștigă-le pe toate!



Proiectul 2: MEX Cyber Claw

Să construim!



Lucruri de care avem nevoie



fascicul
15H
x1



11H
Grinda x1



3H
Grinda x1



fascicul 7H
la L x2



Grinda L 1Cx4H x 3



2Cx10H
Grinda dublă îndoită
x 1



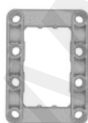
2C x 7H
Simplu
îndoire
grindă
x2



5H grindă în T x 1



2Cx1H
grindă subțire
x 1



Deschis
centru
x3



2C x 5H
Triunghi
x2



unelte
melcate -
mare x 1



Pinion 16T x2



Pinion 24T x1



Umplere axă - mare x 5



Umplere axă - mică x9

1Cx1H
Conector vertical x 2

Axa 3H x3



Remediu 7H x1



Remediu 8H x3



Pin din mijloc - negru x9



Pin mediu - gri x 1



Știftul axei centrale - albastru x 2



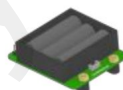
Percutor galben x 1



Pin lung - albastru x3



MEX Big DC Motor x1



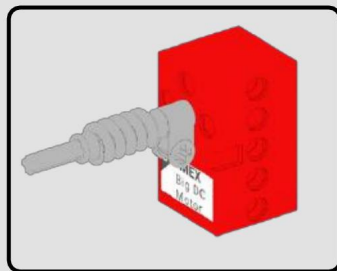
Avishkaar MEXCore x1

Pași

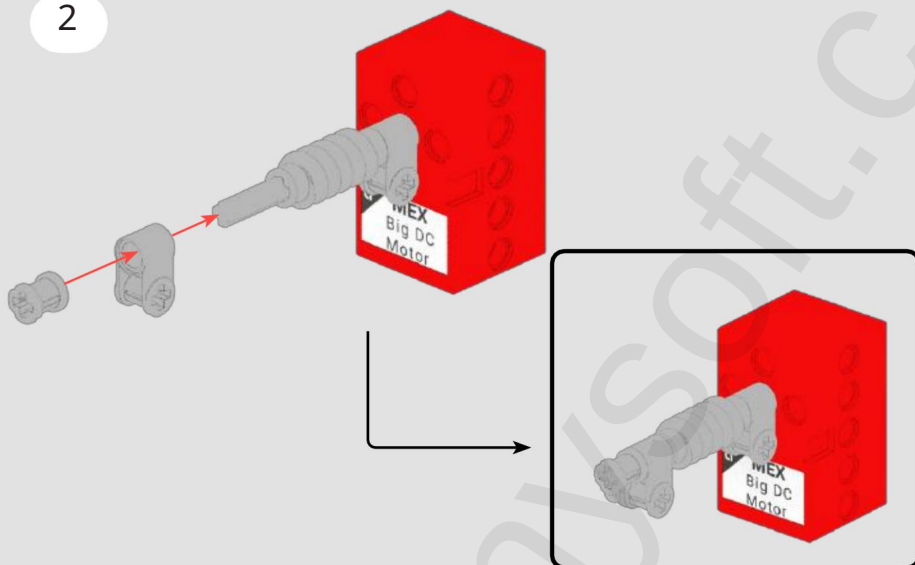
1

1:1

Axa 7H



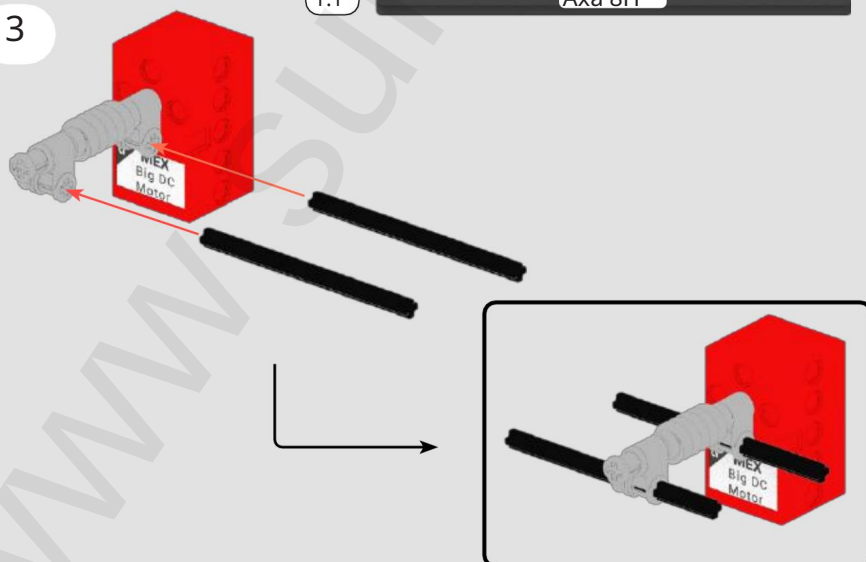
2



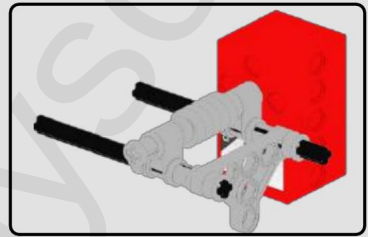
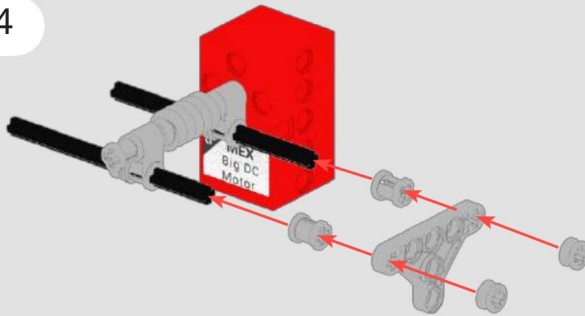
3

1:1

Axa 8H



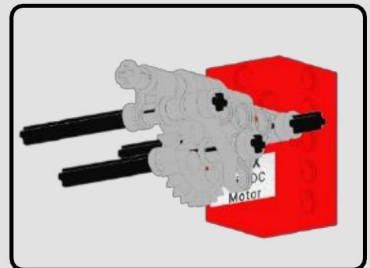
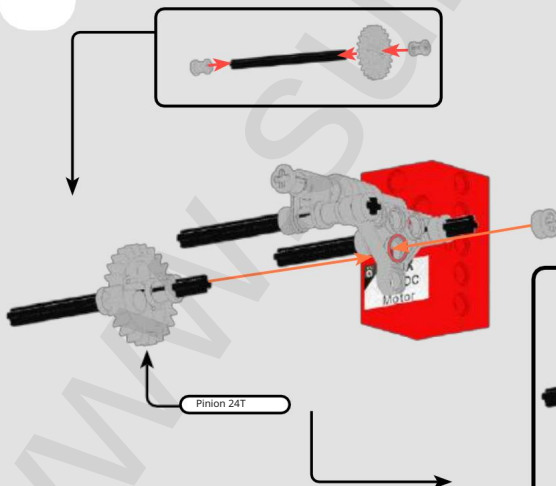
4



5

1:1

Axa 8H

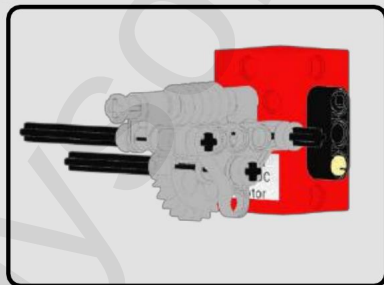
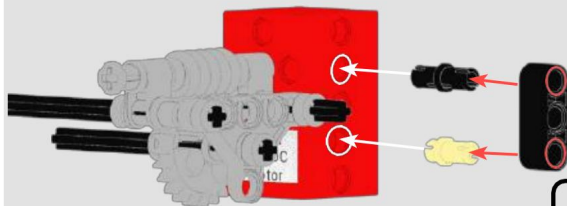


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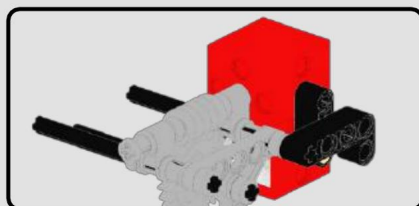
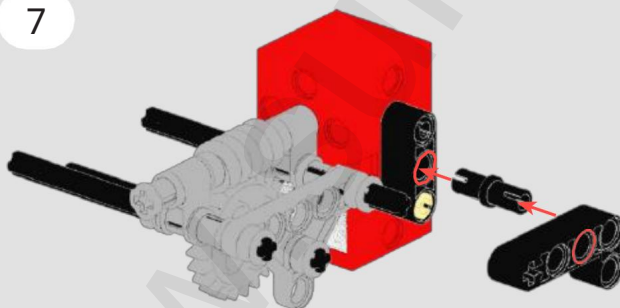
1:1



Pin scurt galben



7



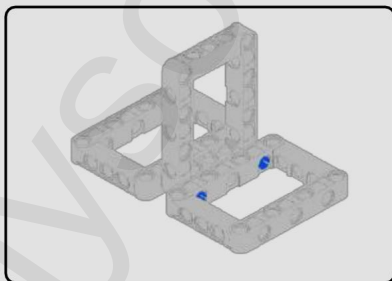
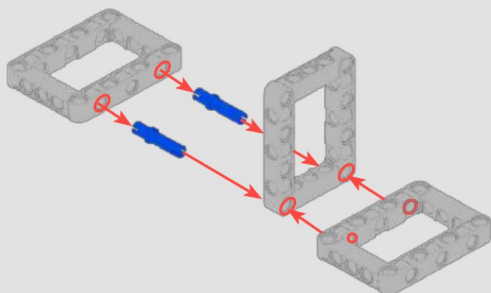
8

Să creăm o structură de bază.

1:1

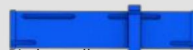


Pin lung albastru

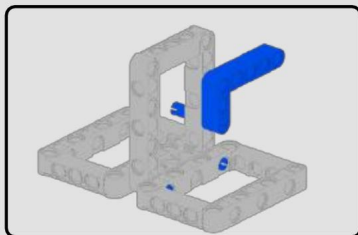
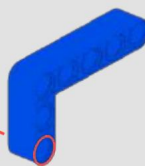
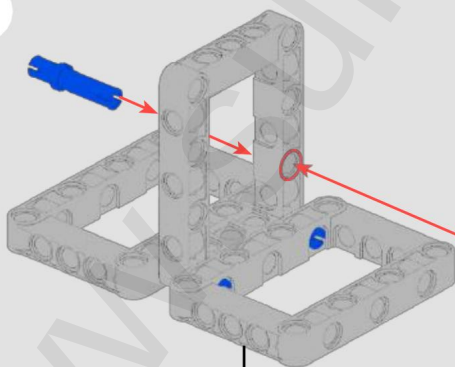


9

1:1

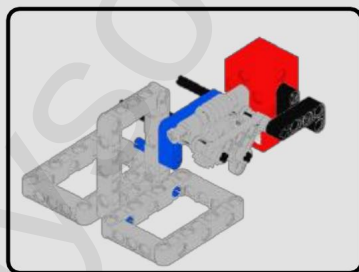
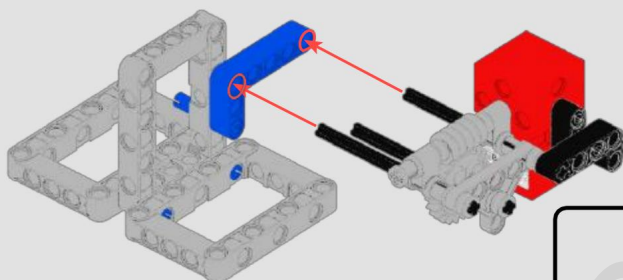


Pin lung albastru

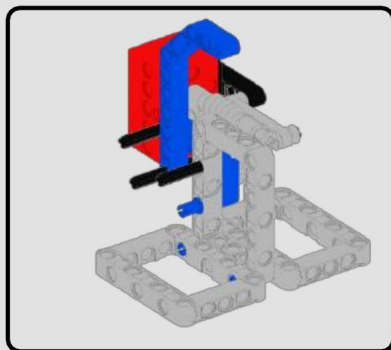
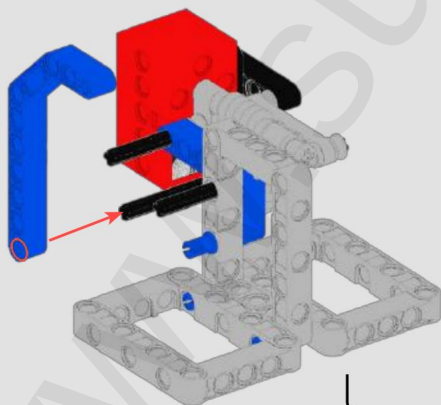


10

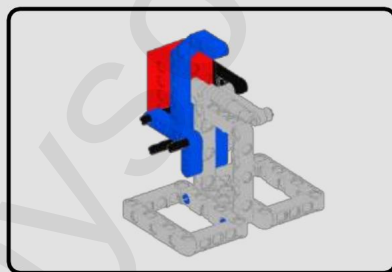
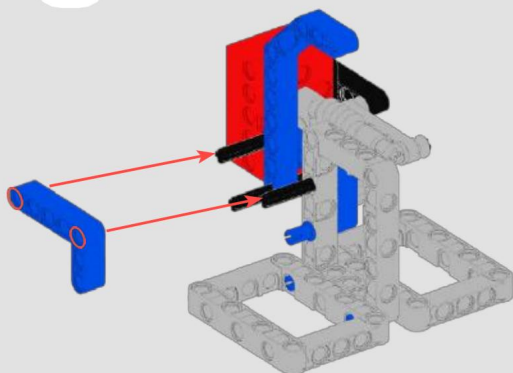
Vom asambla structura de bază și motorul mecanic.



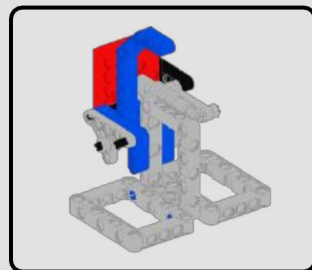
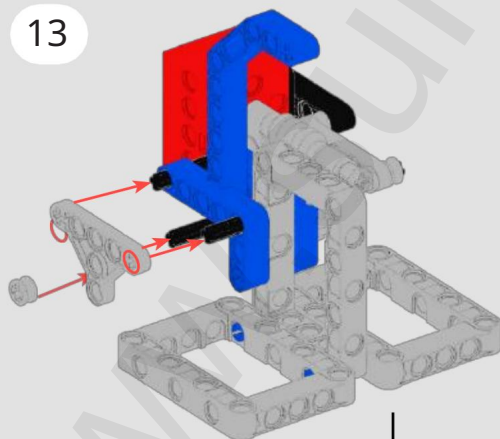
11



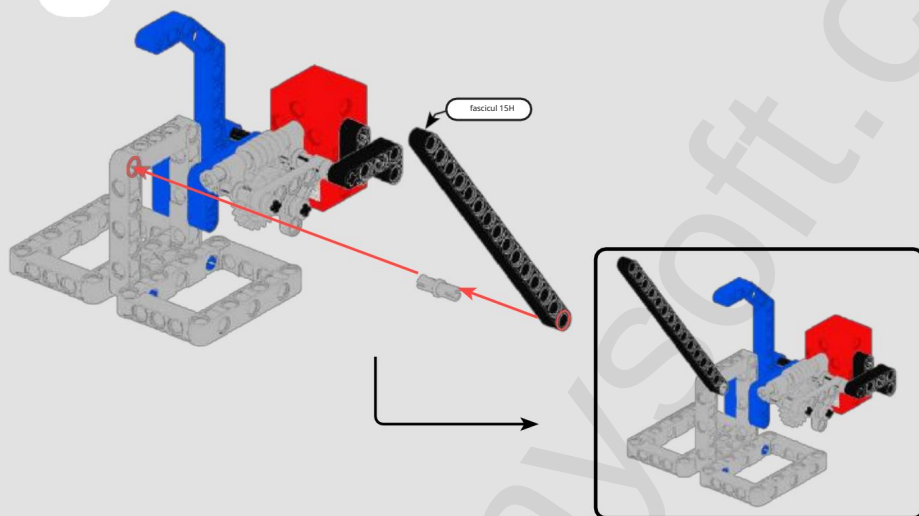
12



13

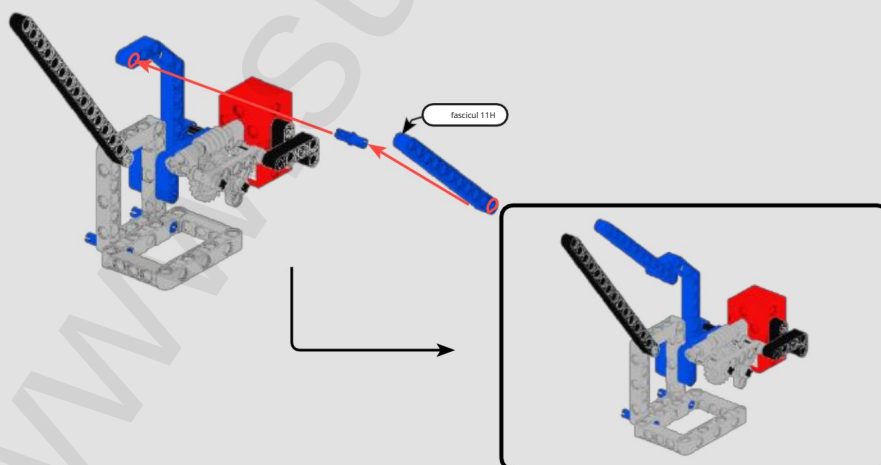


14

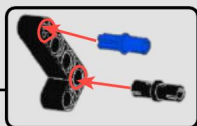


15

1:1 
Axul central albastru



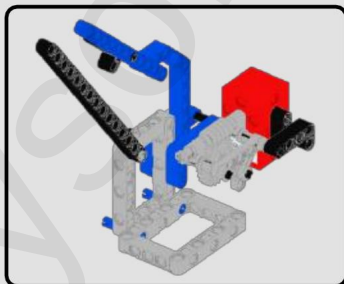
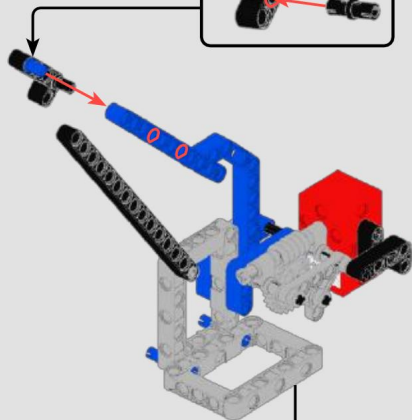
16



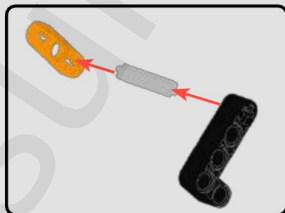
1:1



Axul central albastru



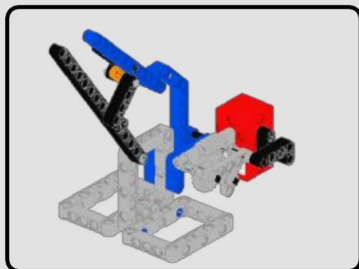
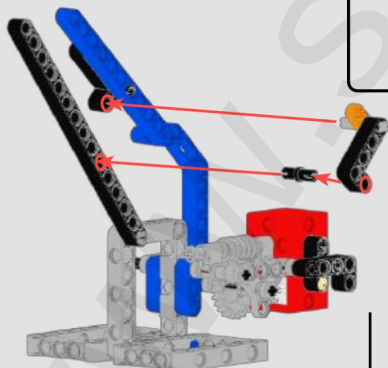
17



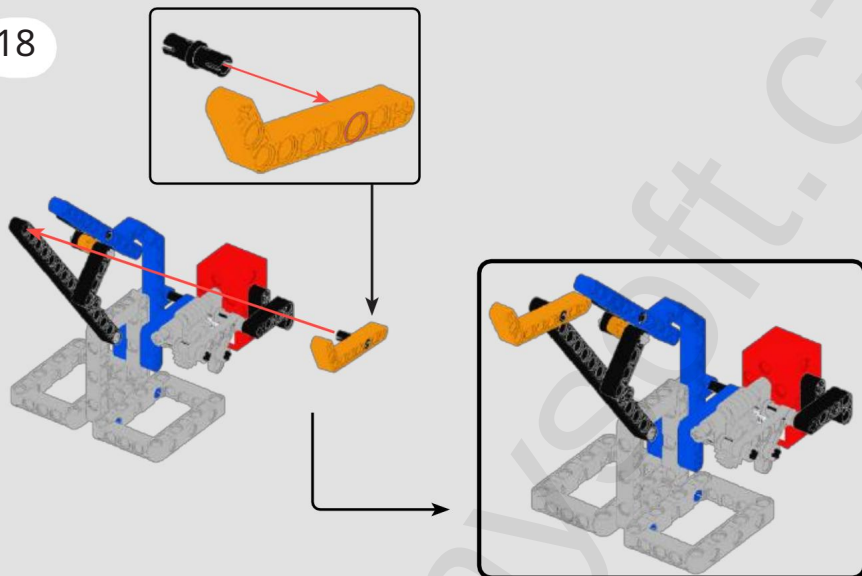
1:1



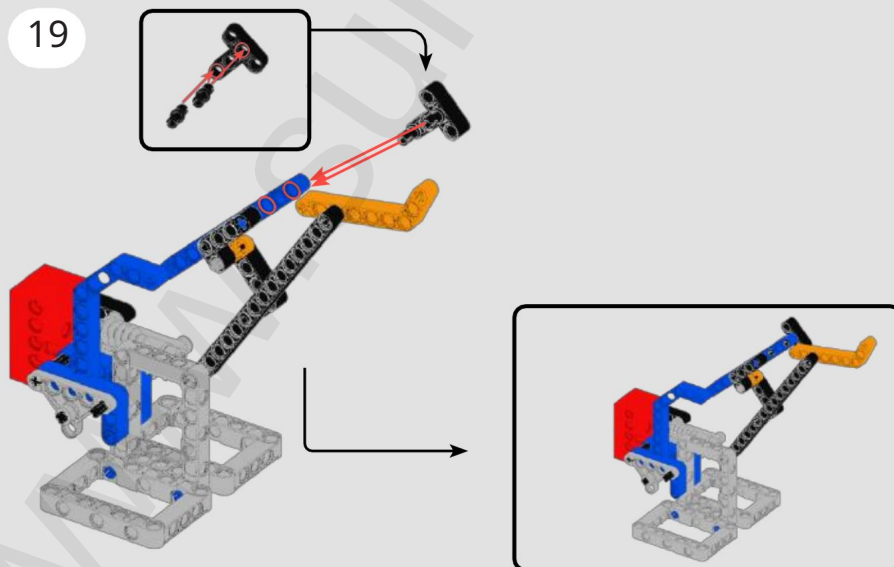
Axa 3H



18



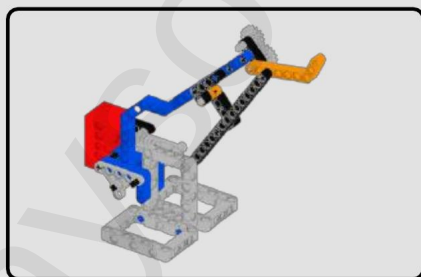
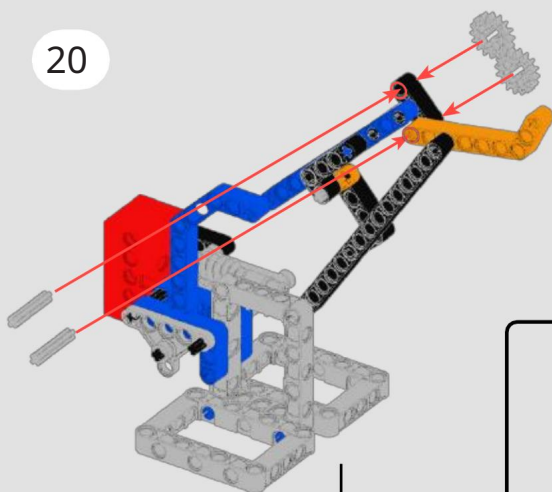
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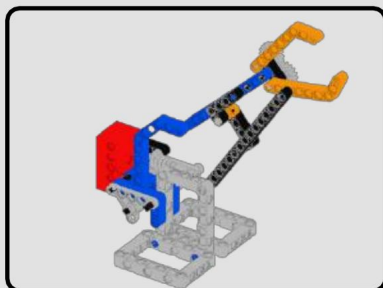
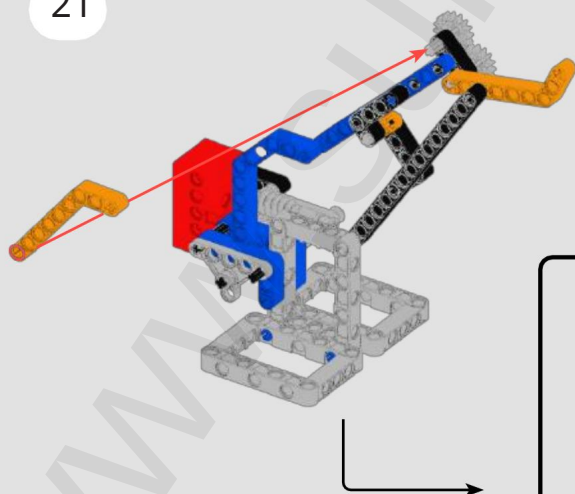
20

1:1

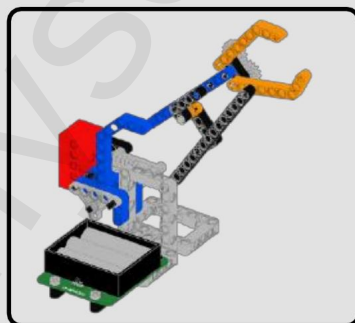
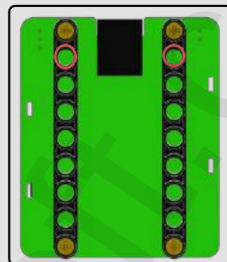
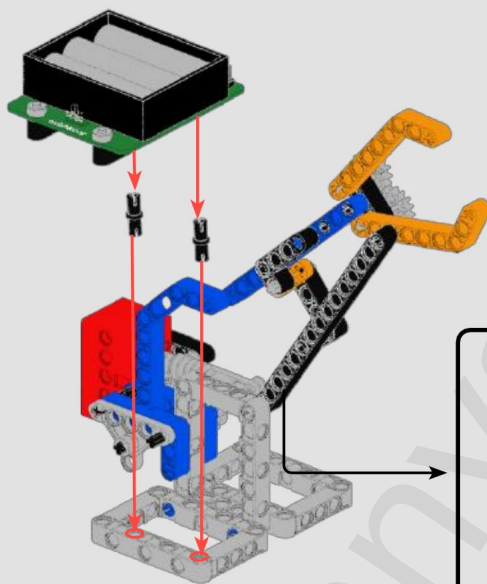
Axa 3H



21



22



Felicitări pentru finalizarea acestui proiect!

Ești nerăbdător să te joci cu el?
folosind aplicația mobilă avishkaar?

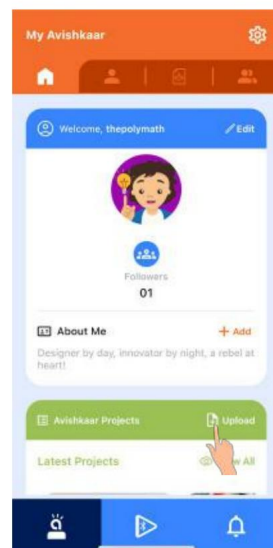


Împărtășește-ți creația lumii și câștigă o insignă de Nivel 2 „Zgâriește suprafața”

Încărcați fotografiile sau videoclipuri ale proiectului dvs. folosind secțiunea de proiecte din aplicația Avishkaar și treceți la Obținerea insigna „Scratch the Surface” de nivel 2.

Puteți vizualiza toate insignele colectate vizualizând în secțiunea realizări a profilului dvs. la site-ul web www.avishkaar.cc.

Explorați toate celelalte insigne pe care le puteți Adună-le pe toate și câștigă-le pe toate!



Proiectul 3: MEX Robo Lift

Să construim!



Lucruri de care avem nevoie



fascicul
15H
x1



Fascicul 13H x 1



Fascicul 11H x 1



9H
Grinda
x 2



fascicul
7H
x 4



7H fascicul în L
x
5



Fascicul L 1Cx4H
x 1



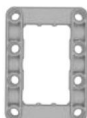
2C x 10 H
Îndoie dublă
grindă
x 1



2C x 7H
Simplu
îndoie
grindă
x2



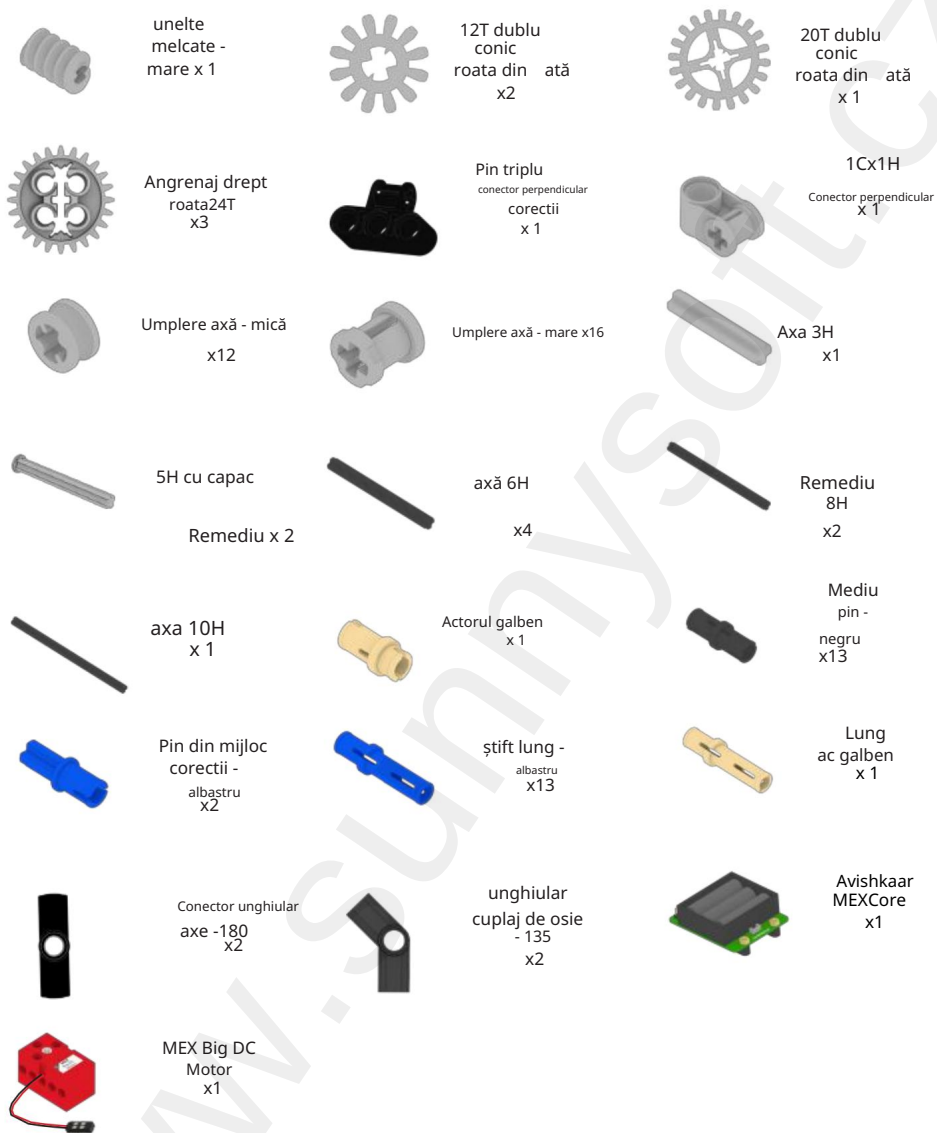
Conector L perpendicular 4 x 4
x 1



Deschis
centru
x4



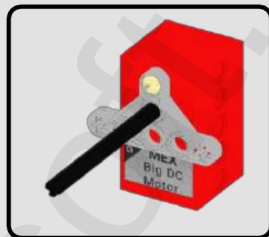
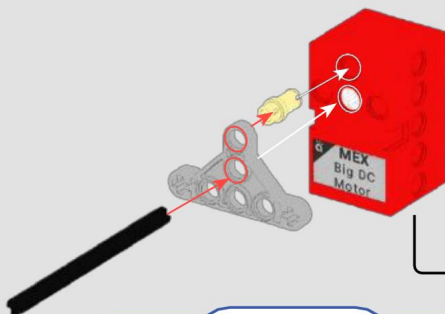
2C x 5H
Triunghi
x2



1

1:1

Axa 8H



Sfat de asamblare



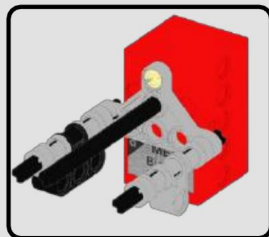
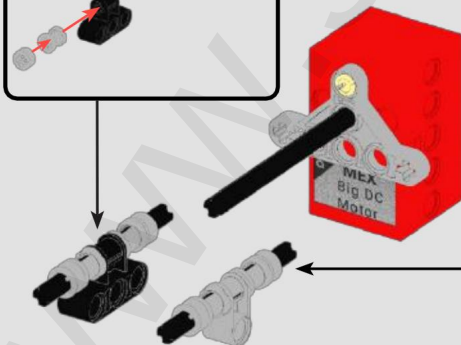
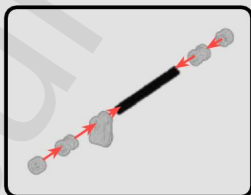
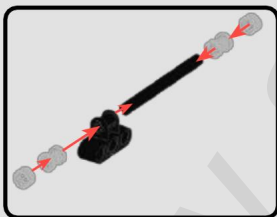
Ace scurte galbene pot fi puțin complicate!
Aveți grijă când le folosiți. Se rupe ușor. Și pot greși, de asemenea
eliminați - cereți un părinte sau un adult să vă ajute să le eliminați
îndepărtat în siguranță.



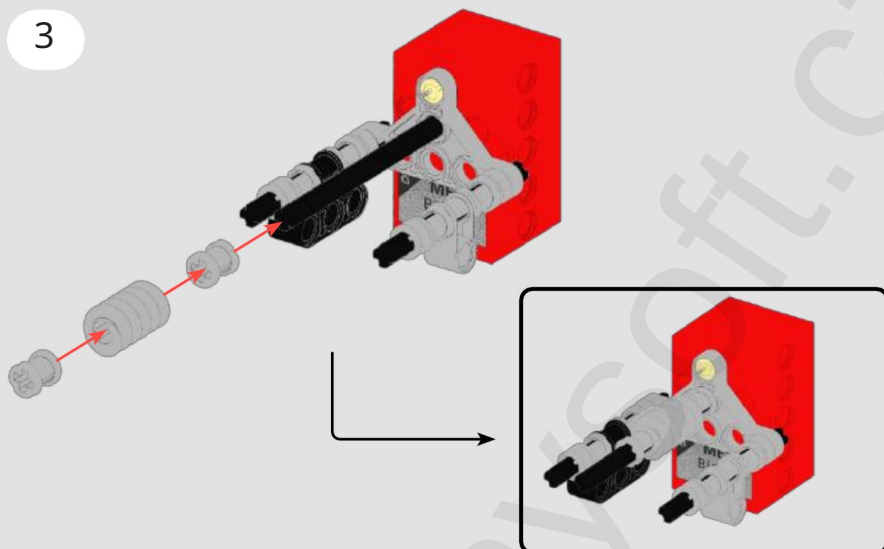
1:1

axă 6H

2



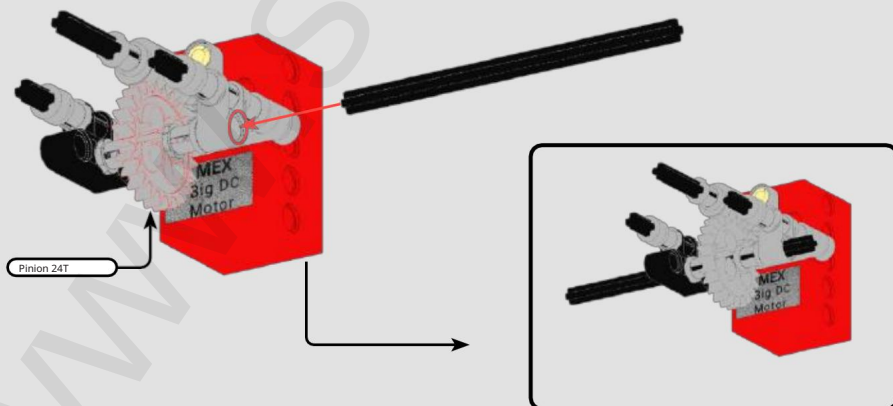
3

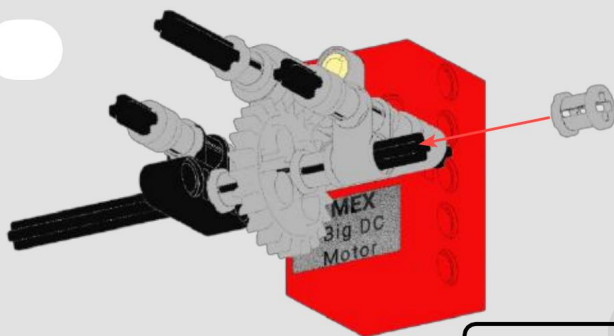


4

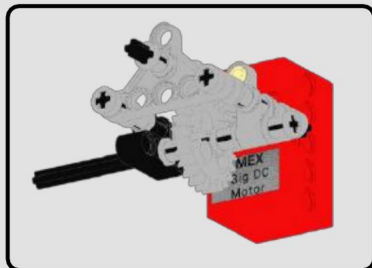
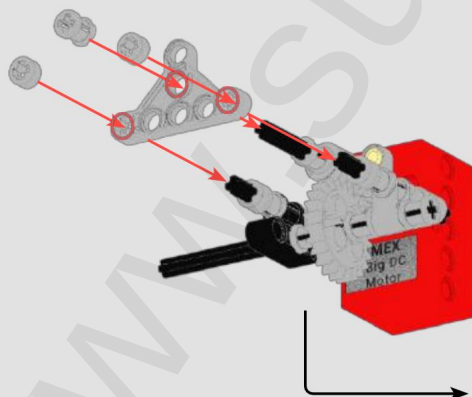
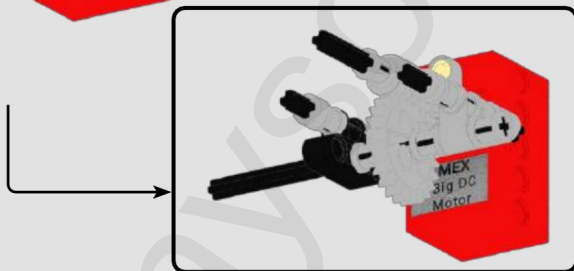
1:1

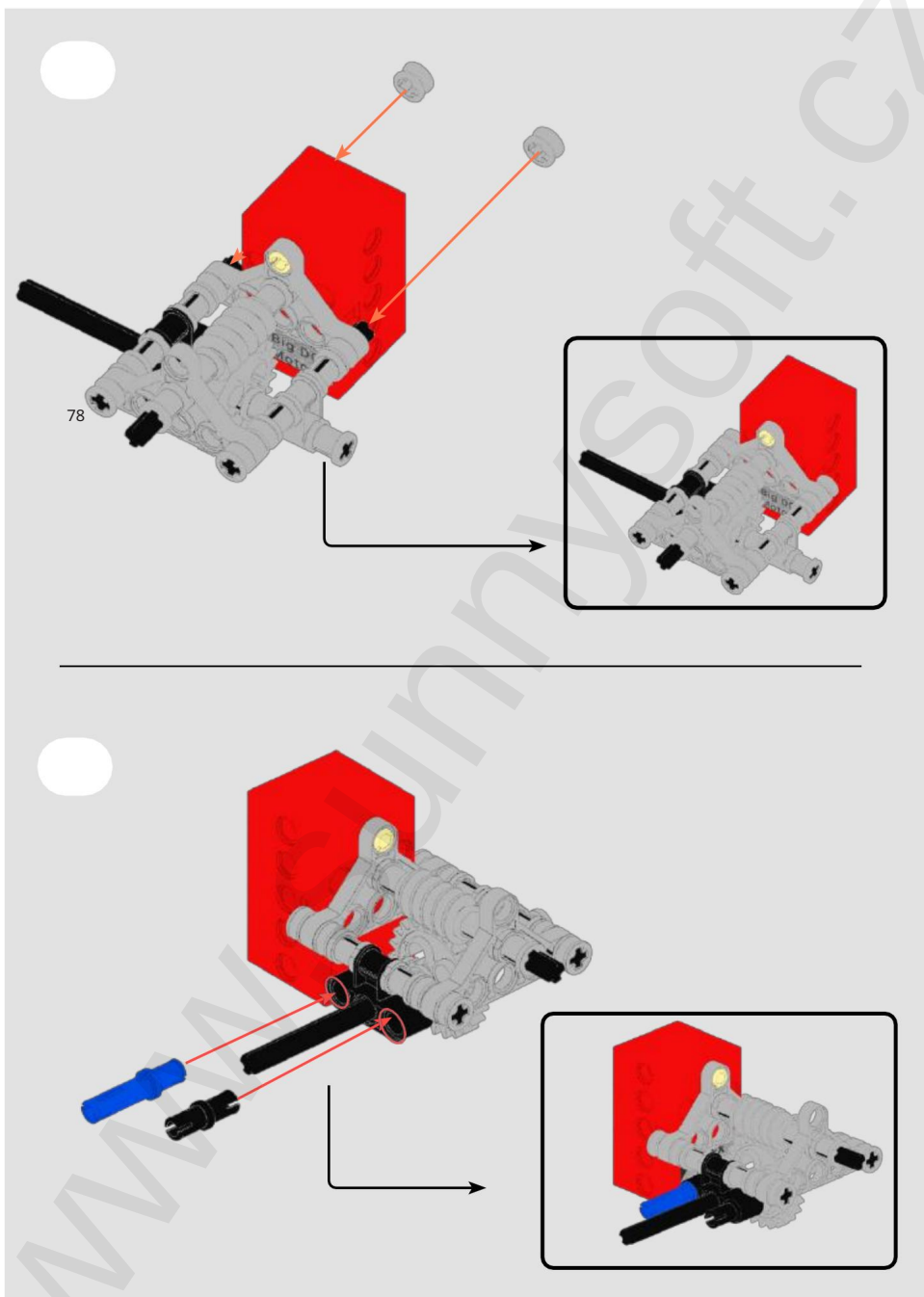
axa 10H





56

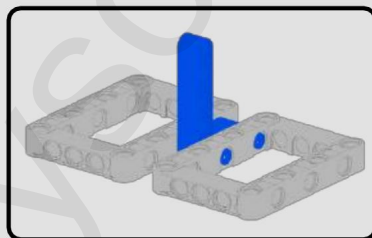
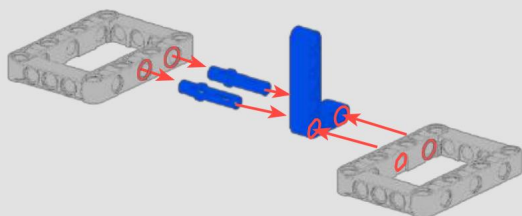




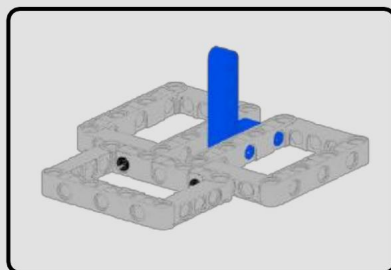
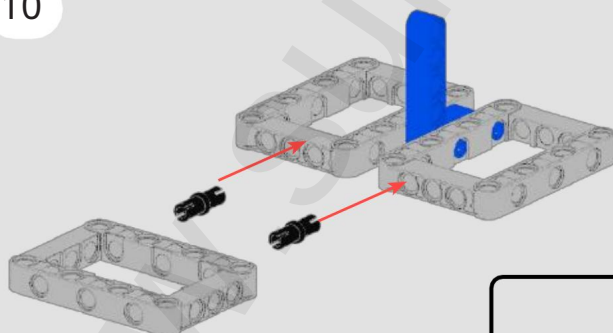
9

Să creăm o structură de bază.

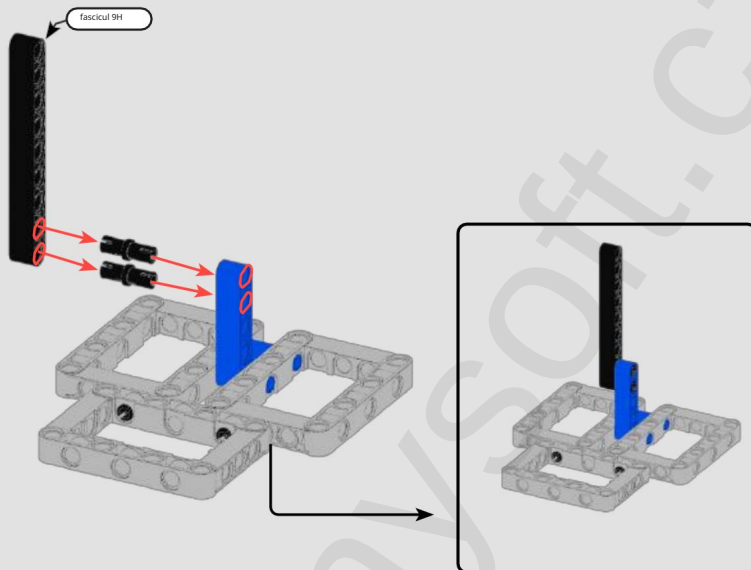
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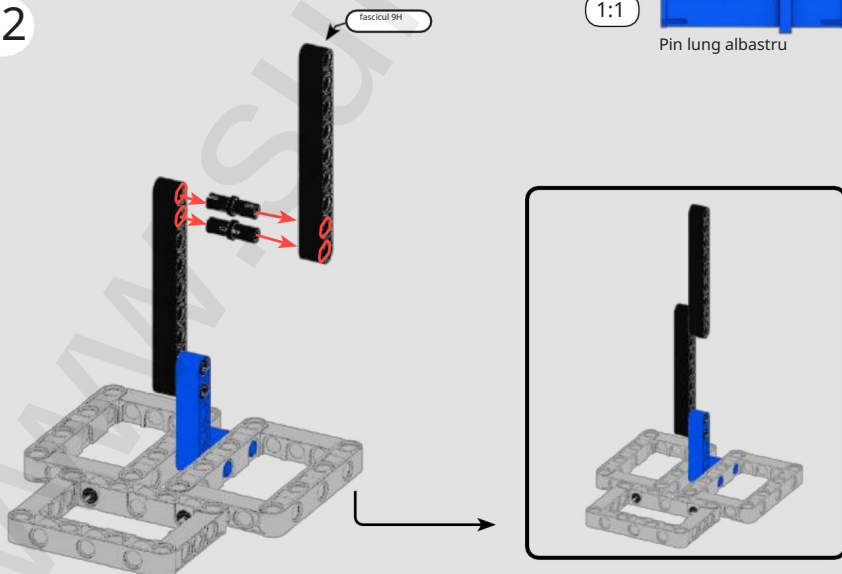
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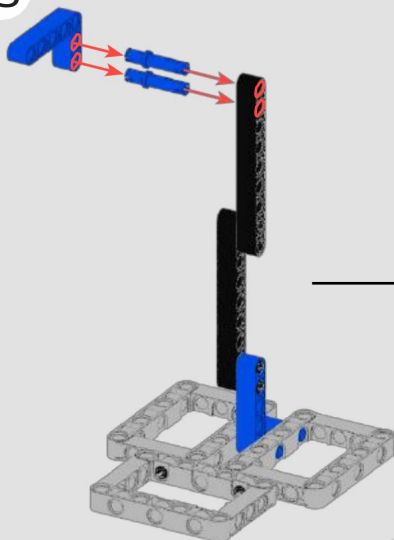
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12



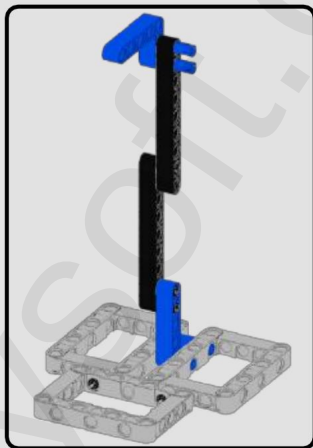
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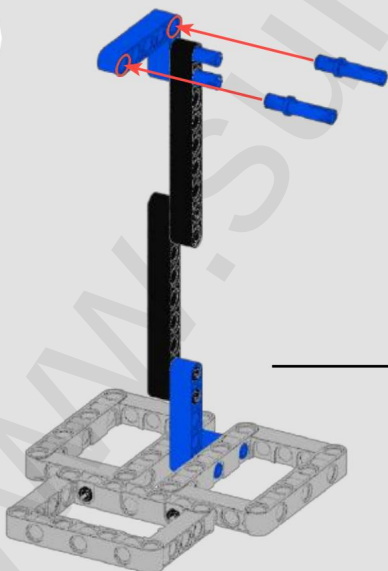
1:1



Pin lung albastru



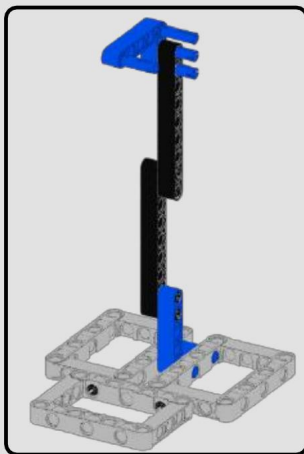
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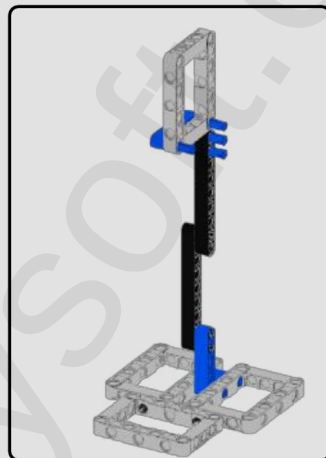
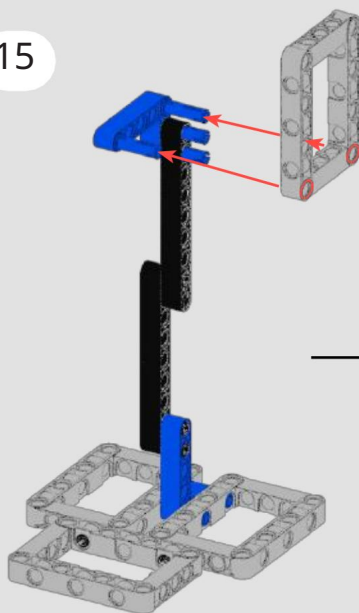
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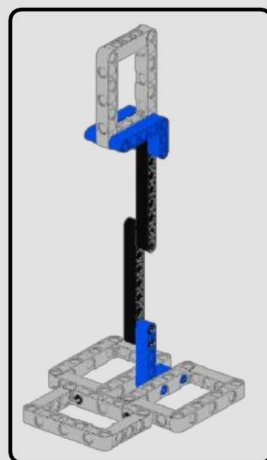
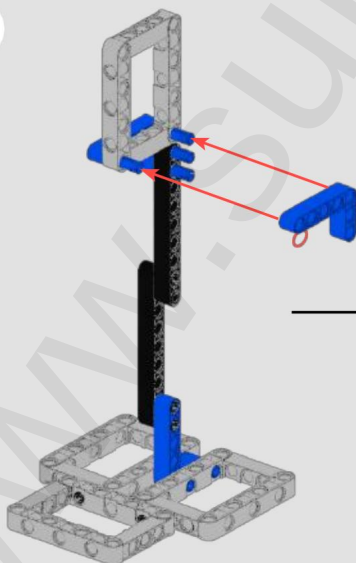
Pin lung albastru



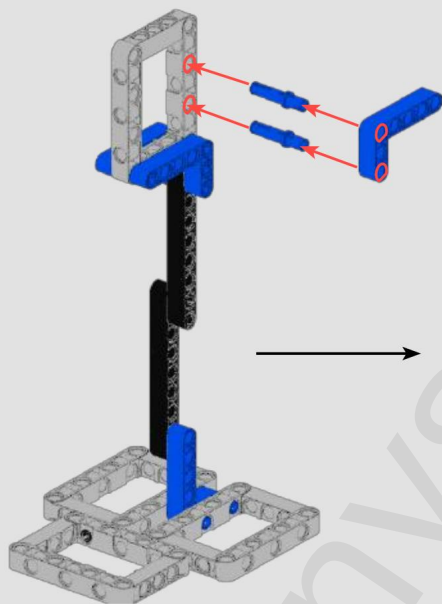
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16



17



1:1



Pin lung albastru

18



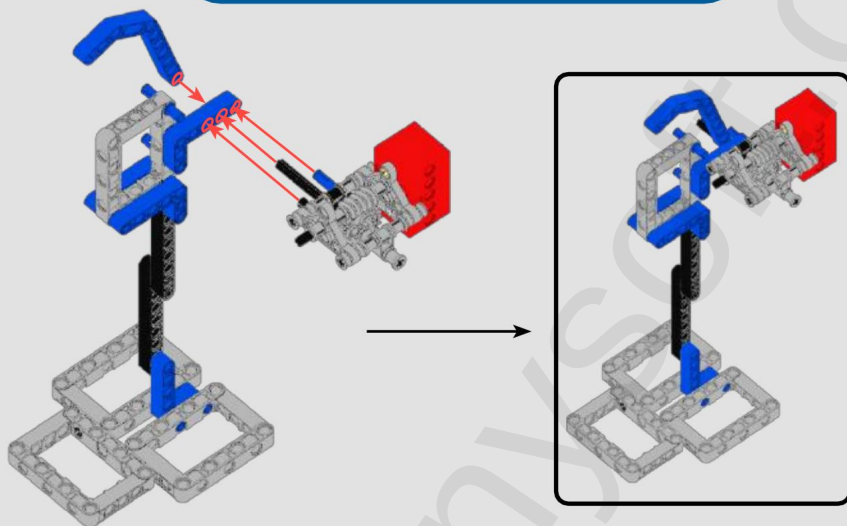
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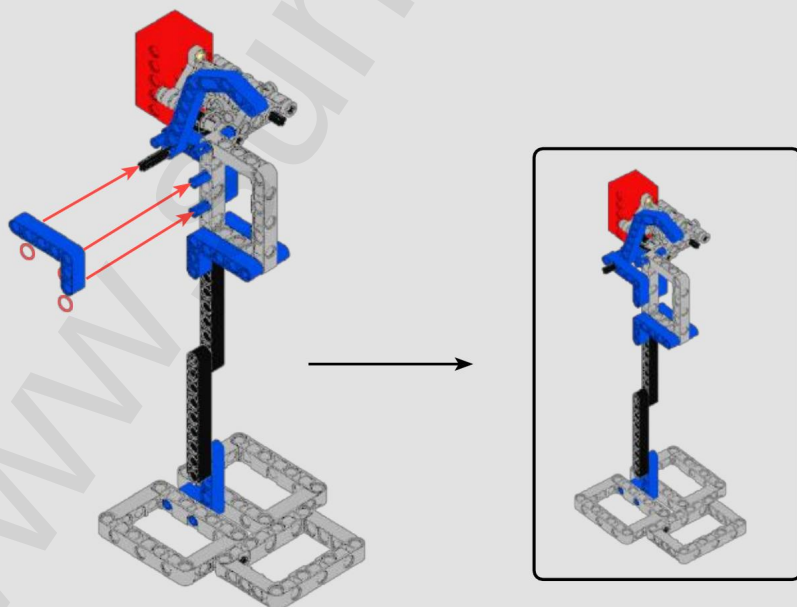
Pin lung albastru

19

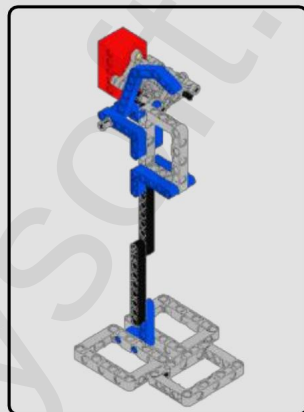
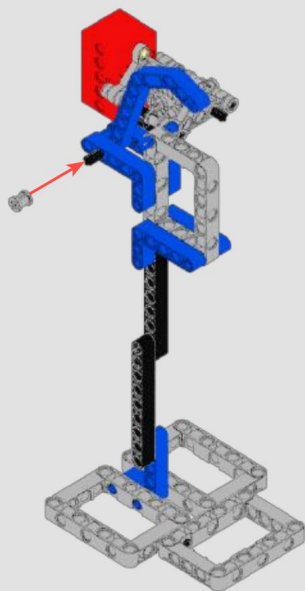
Vom asambla structura de bază și motorul
mecanism.



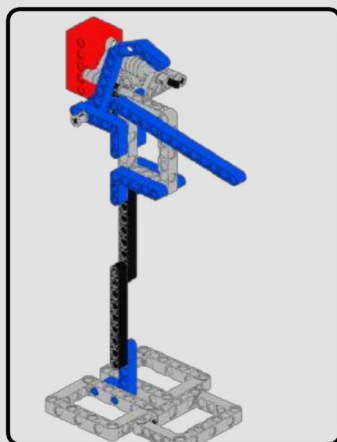
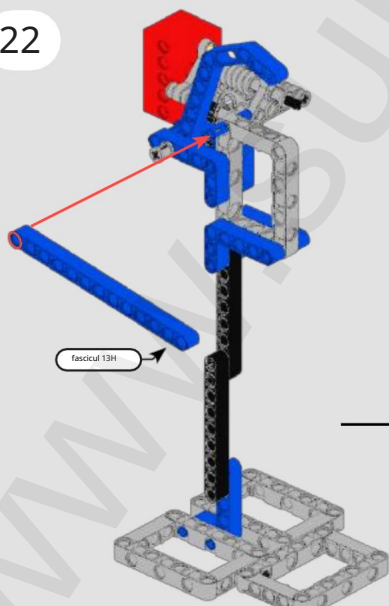
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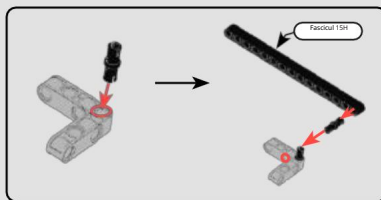
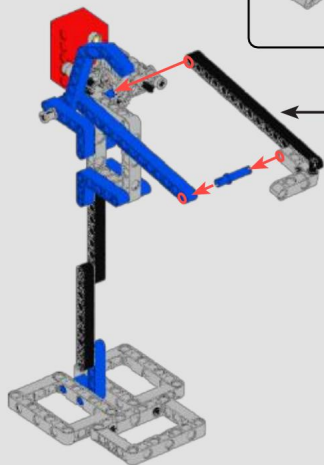
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22



23

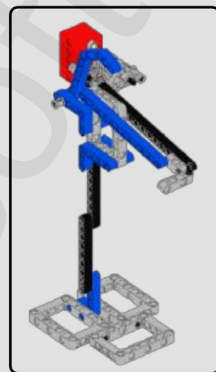


Pasecul 10x

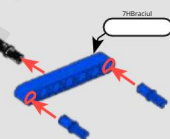
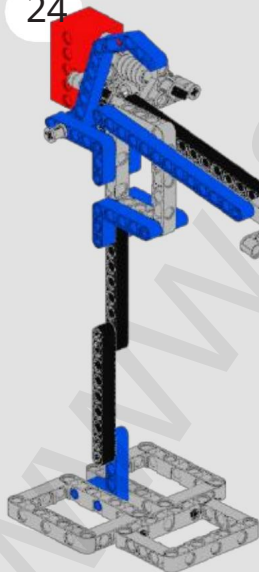
1:1



Pin lung albastru



24

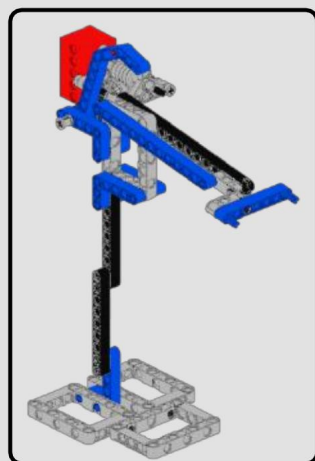


7x1/2Axial

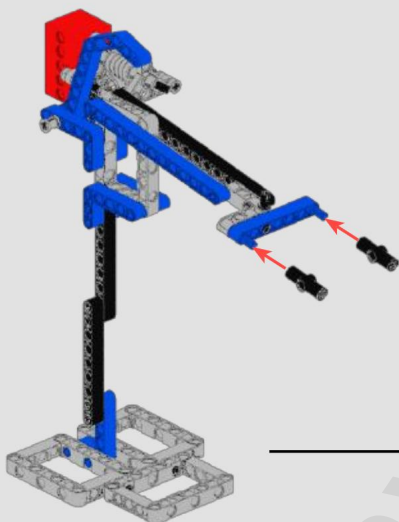
1:1



Axul central albastru



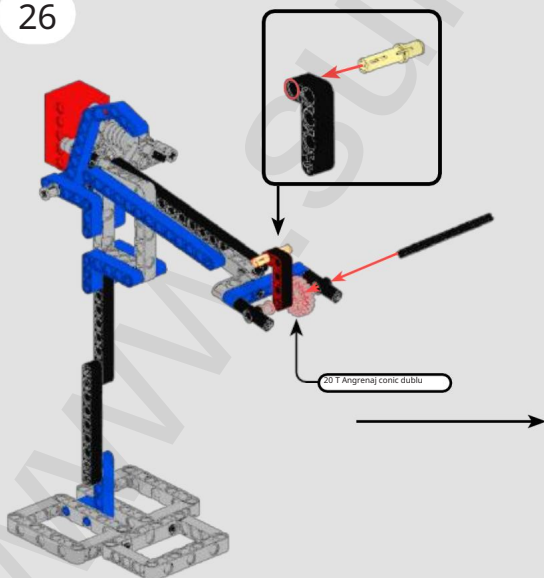
25



1:1

Axa 8H

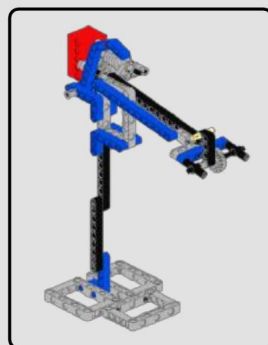
26



1:1



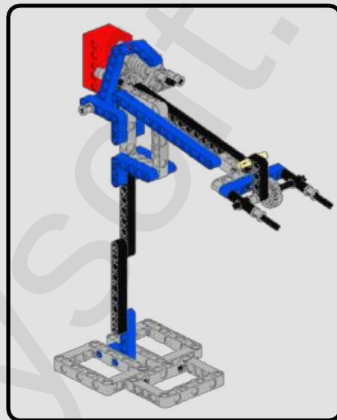
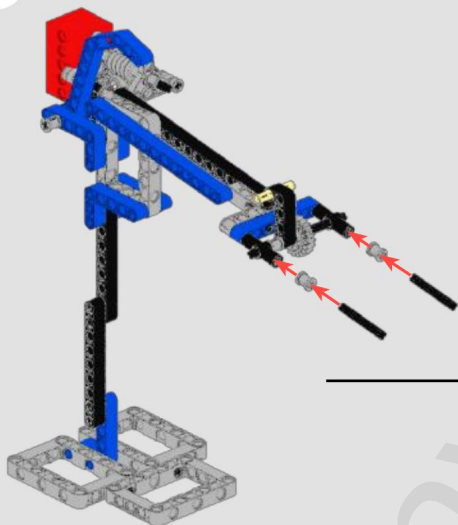
Cuie lungă galbenă



27

1:1

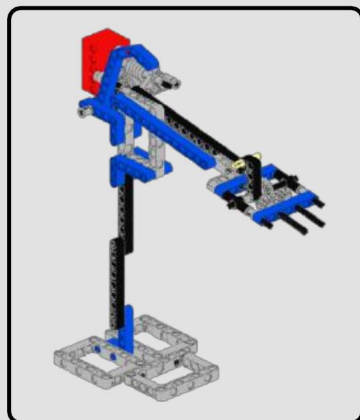
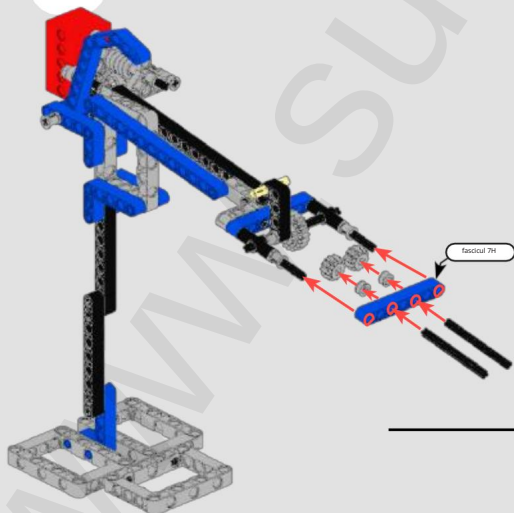
axă 4H



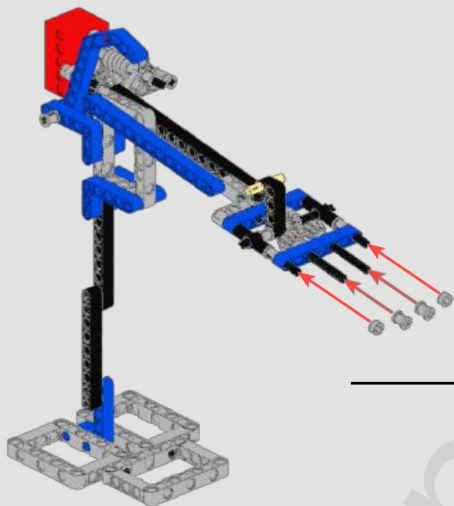
1:1

axă 6H

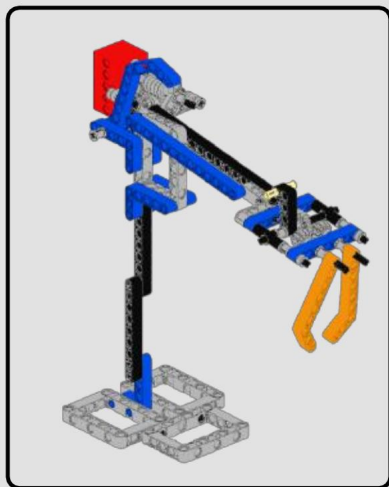
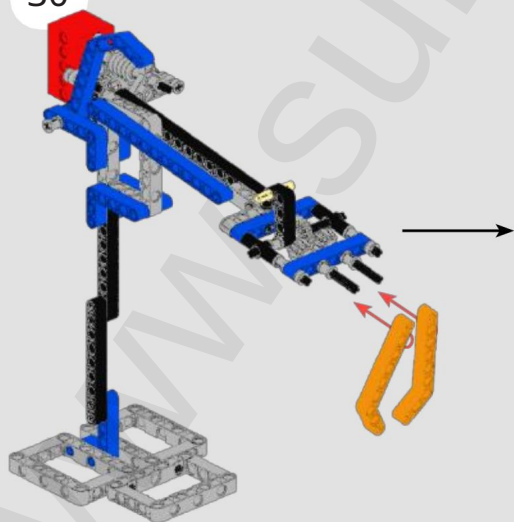
28



29



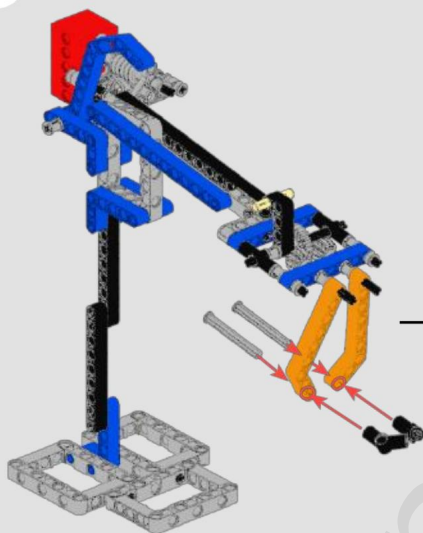
30



31

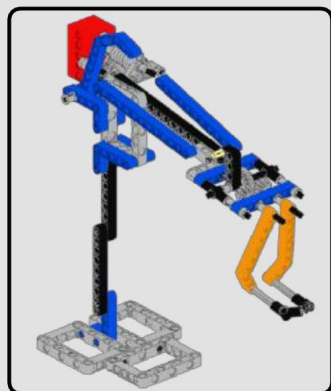
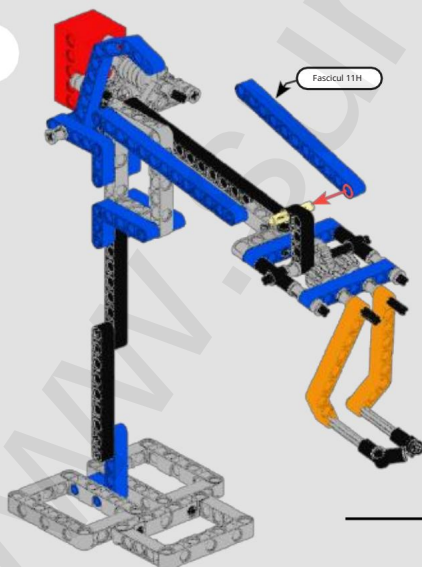
1:1

Axa 5H cu blocare

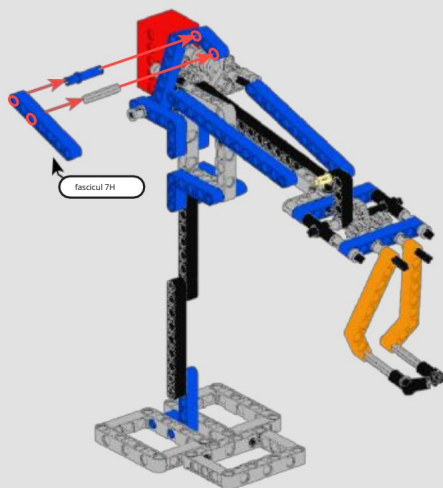


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Fascicul 11H



33

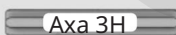


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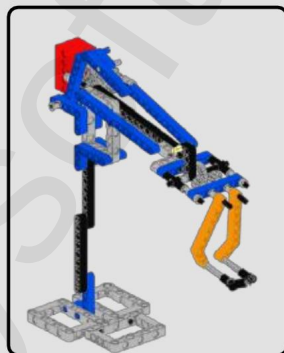


Pin lung albastru

1:1



Axa 3H



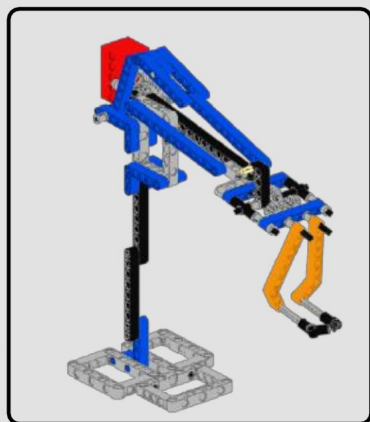
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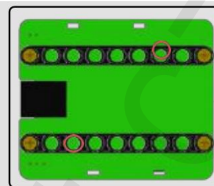
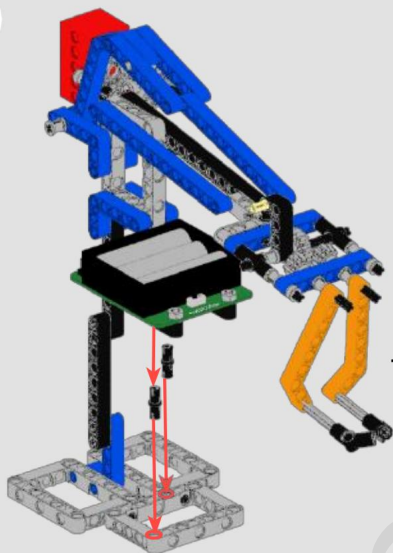
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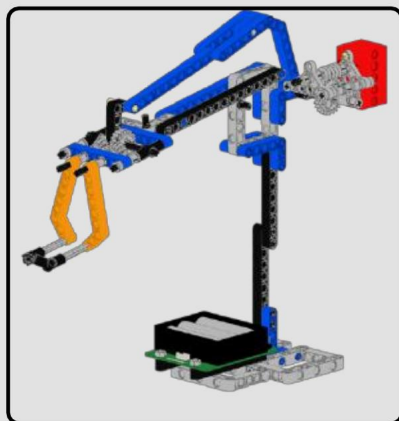
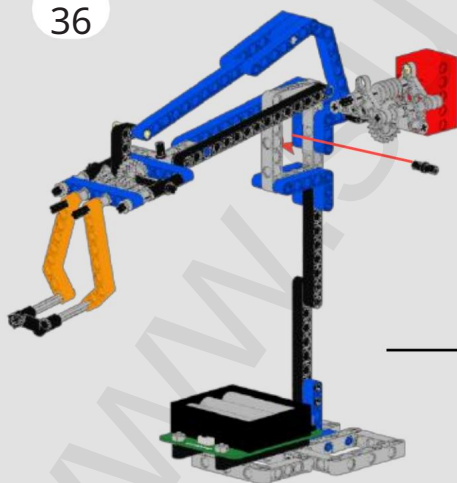
Pin lung albastru



35



36



Felicitări pentru finalizarea acestui proiect!

Ești nerăbdător să te joci cu el?
folosind aplicația mobilă avishkaar?

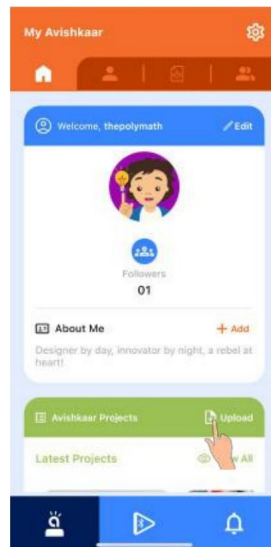


Împărtășește-ți creația lumii și câștigă o insignă de nivel 3 „Zgâriește suprafața”

Încărcați fotografii sau videoclipuri ale proiectului dvs. folosind secțiunea proiecte din aplicația Avishkaar și câștigați o insignă 3. Niveluri „Scratch the Surface”.

Puteți vizualiza toate insignele colectate vizualizați în secțiunea realizări a profilului dvs. la site-ul web www.avishkaar.cc.

Explorați toate celelalte insigne pe care le puteți
Adună-le pe toate și câștigă-le pe toate!



Ai probleme?

Suportul nostru tehnic vă este disponibil în aceste perioade -

De luni până sâmbătă: 9:00 a.m. - 8:00 p.m.

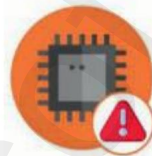
Duminică și a 3-a sâmbătă: 9:00 a.m. - 6:00 p.m.



Probleme de software



Probleme de utilizare



Probleme hardware

Scanați codul QR pentru a contacta asistența.



support@avishkaar.cc

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