

Robotics Series

User Manual**ROBOTICS
EXPLORER**

Începe-ți călătoria în robotică!



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

Urmați instrucțiunile detaliate din manual și învățați cum să construiți roboți interesați cu kitul.



Creați, codificați și gestionați

Construiți proiecte inovatoare cu kitul și controlați roboți cu telecomanda Avishkaar și codificați cu aplicația 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 distribuiți-le creatorilor din întreaga lume.



Competiții internaționale

Participă la competiții săptămânale, lunare și anuale și câștigă faimă în întreaga lume.



Jurământul inovatorului

Luați angajamentul de inovator de mai jos și angajați-vă într-o căutare de inovație și soluții pe tot parcursul vieții probleme. Distribuți fotografia 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

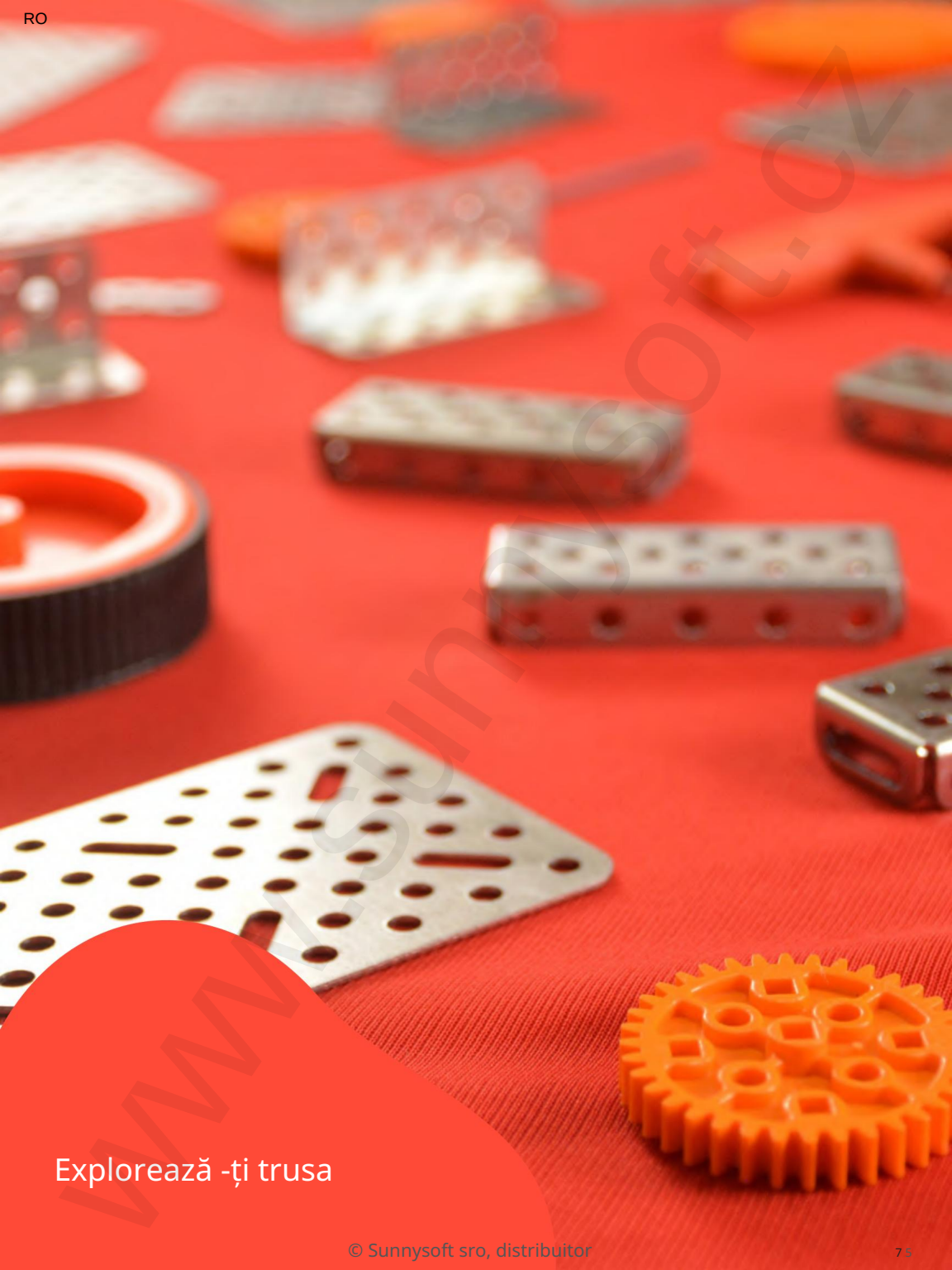
now on the path of innovation,

*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.*

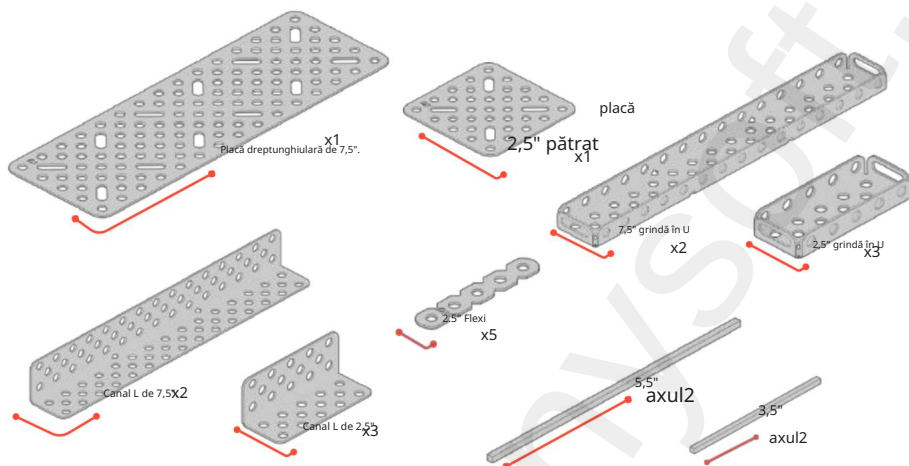
semnătură



Explorează -ți trusa

Verificarea echipamentului

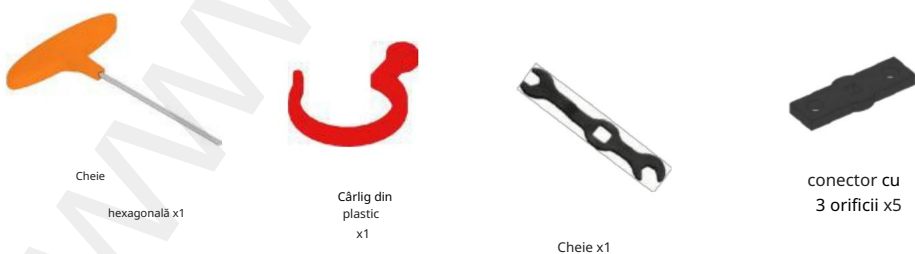
Piese metalice



roți și roți dințate



Instrumente





Umpluturi
x11



Blocare axă
x16



Șurub de 12
mm x31



Nuci
x31



Benzi de
cauciuc
mari x2



Benzi mici de cauciuc
x2

Bazele construcției

Să înțelegem câteva elemente de bază ale construcției

Șuruburi de strângere



Strângerea blocării axei



Strânge
(întoarce în sensul
acelor de ceasornic)



Slăbiți (rotiți
în sens invers acelor de
ceasornic)

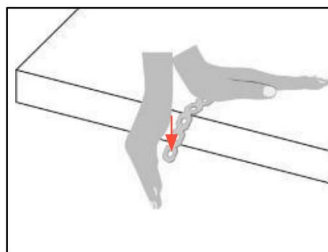
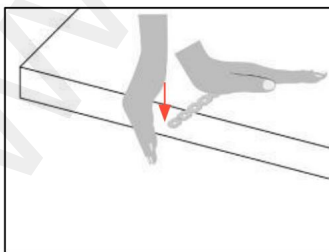


Strânge
(întoarce în sensul
acelor de ceasornic)

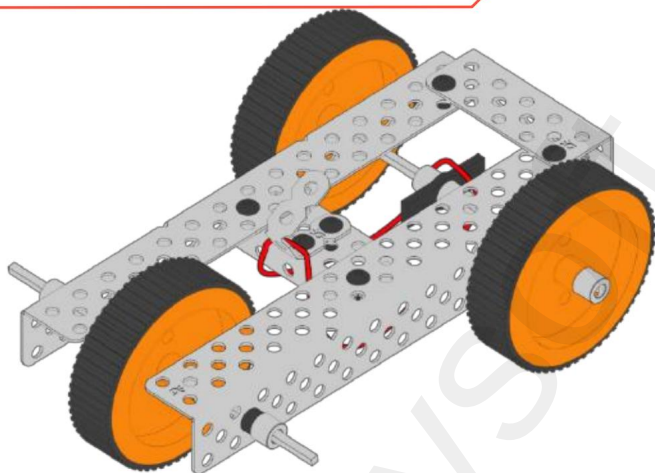


Slăbiți (rotiți
în sens invers acelor de
ceasornic)

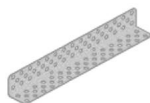
Flexi îndoire



Proiect 1: Mașină



De ce vei avea nevoie?



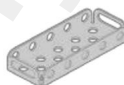
7,5"
canal L
x2



2,5"
Canal L
x 1



2,5"
Flexi mic x1



2,5"
grindă în U x1



Axa de 5,5" x2



umpluturi
x4



Blocare ax x8



conectori cu
3 orificii x1



Roata mica x3



Bandă elastică mare 1x

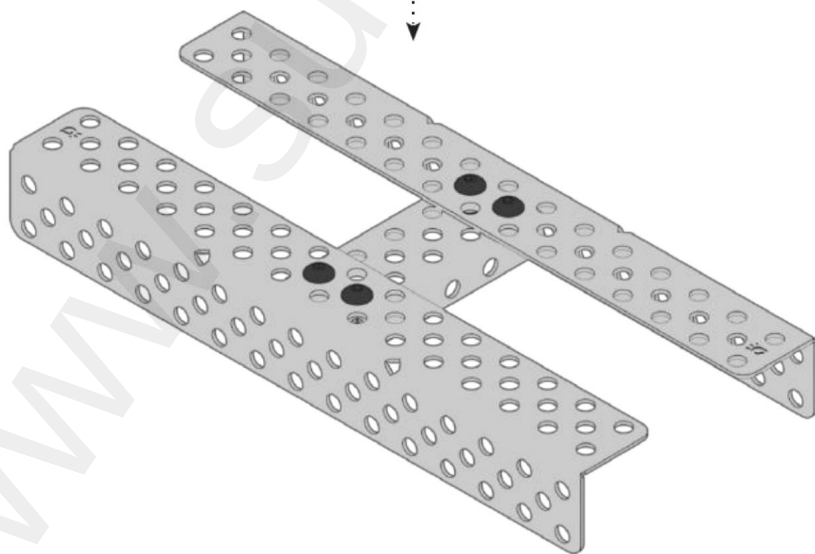
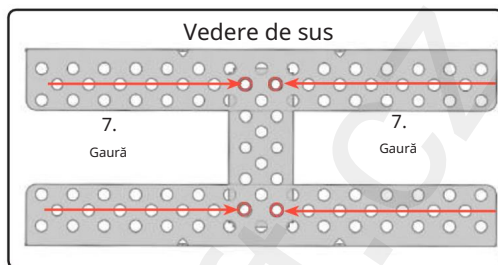
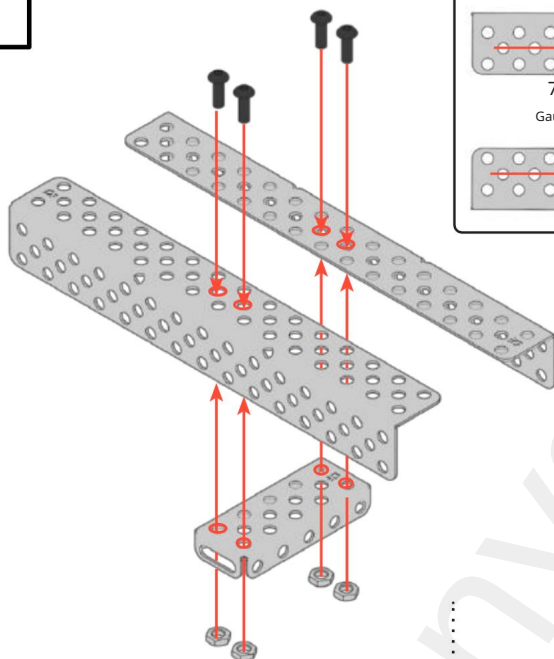


șuruburi de 12
mm x8

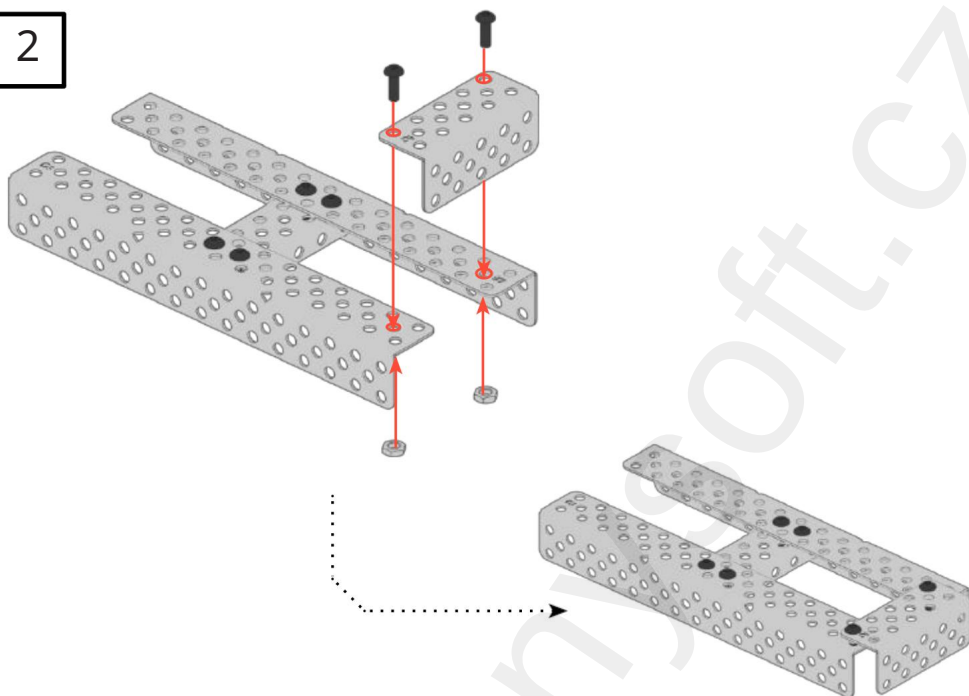


matricea x8

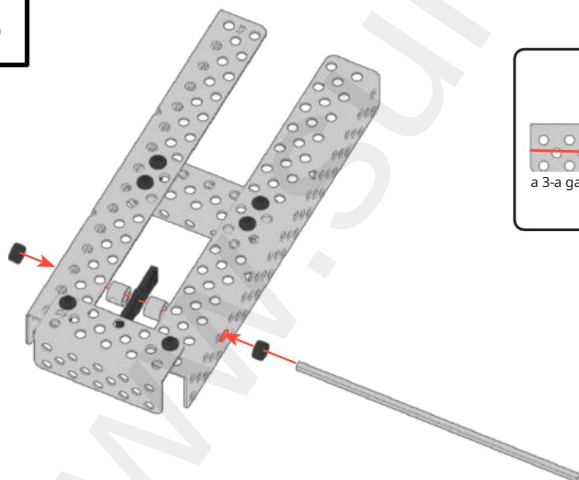
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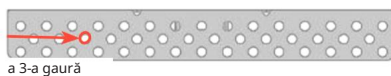
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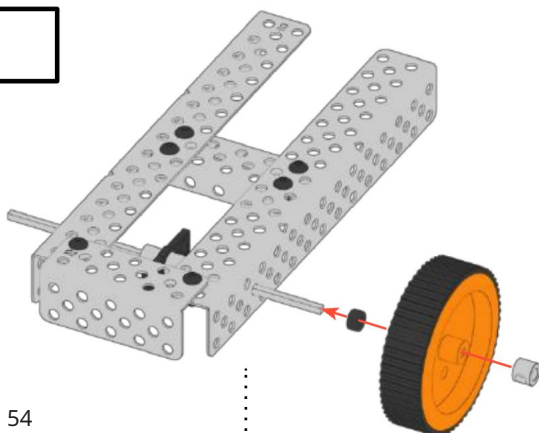
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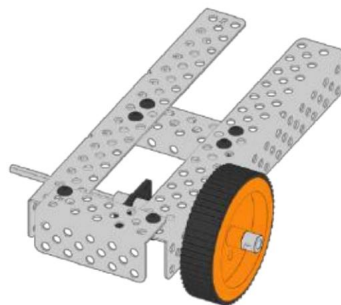
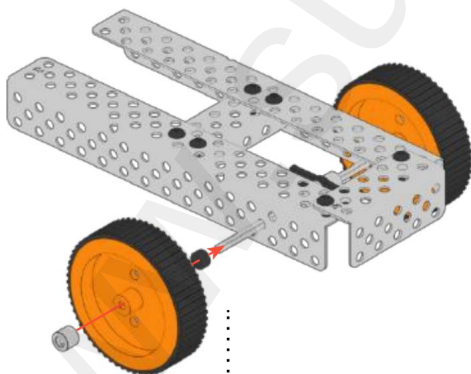
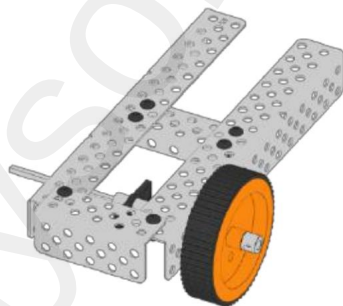
Vedere laterală



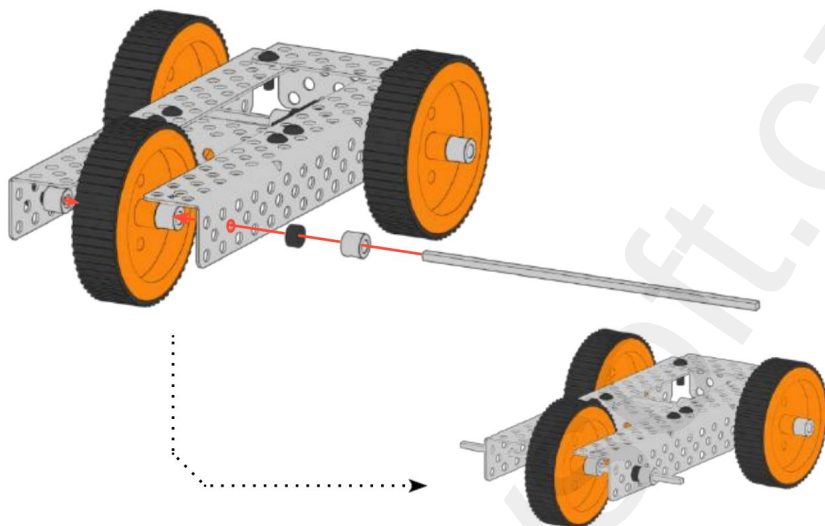
1:1 Remediul 5.5



54

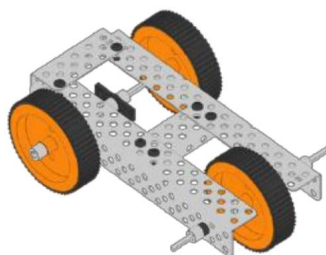
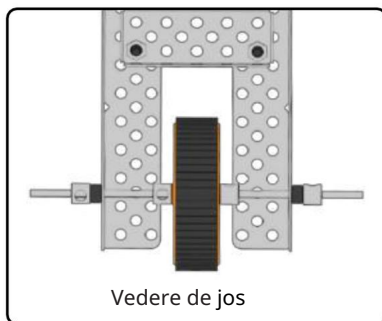
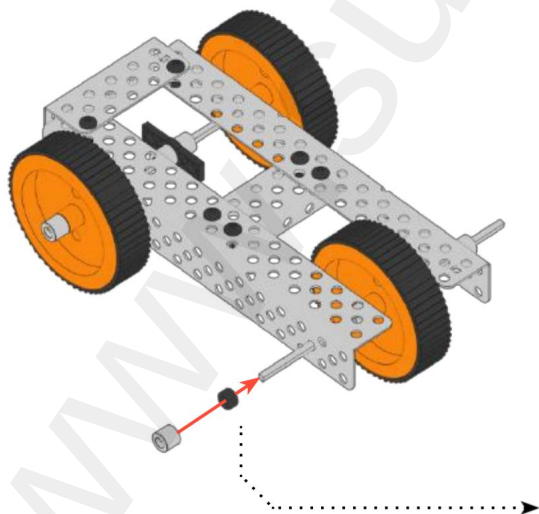


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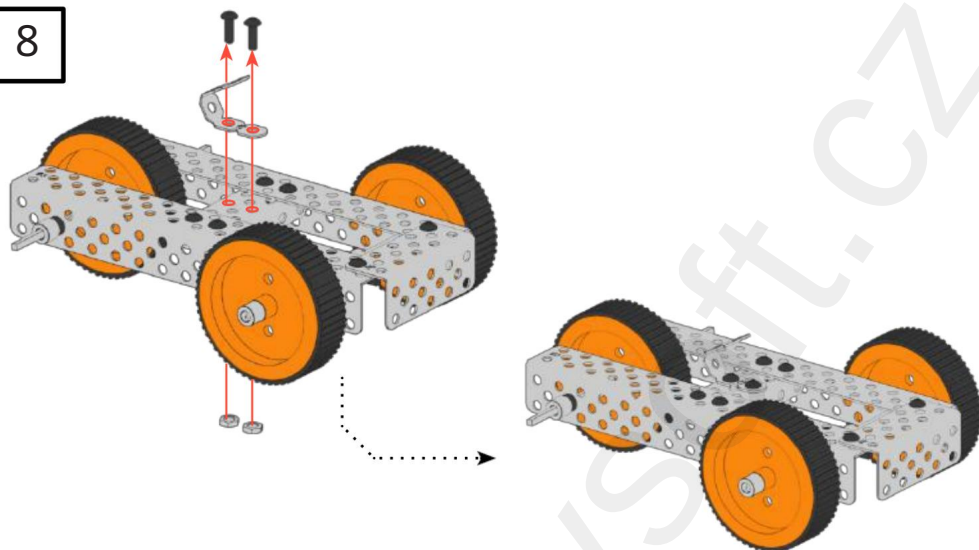


1:1 Remediu 5.5

7



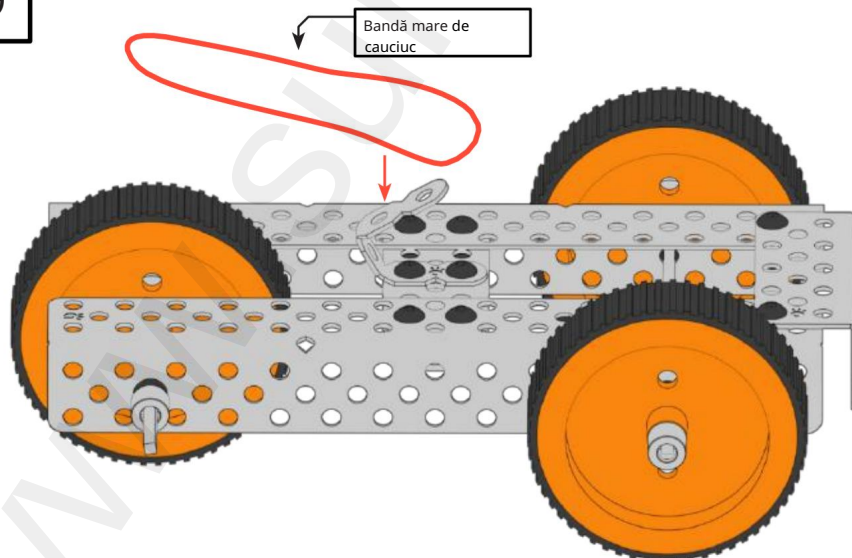
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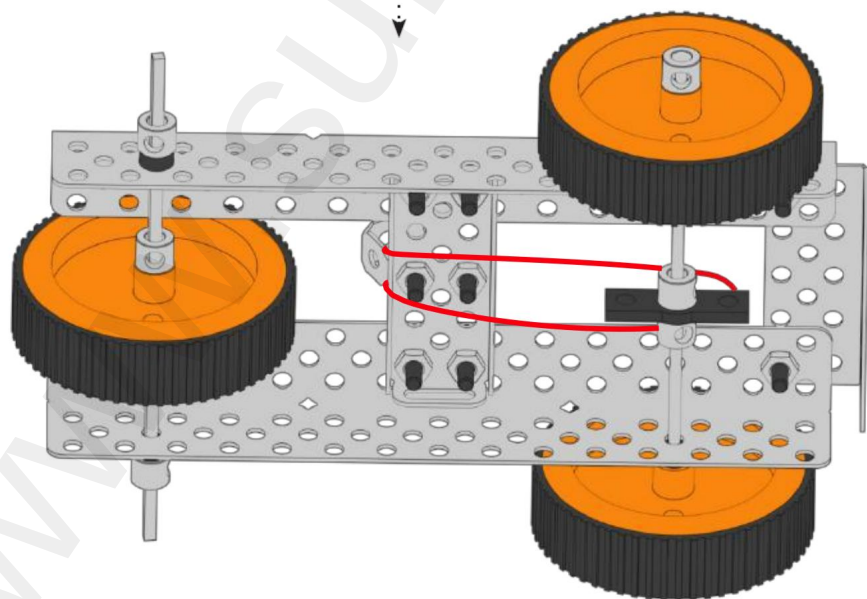
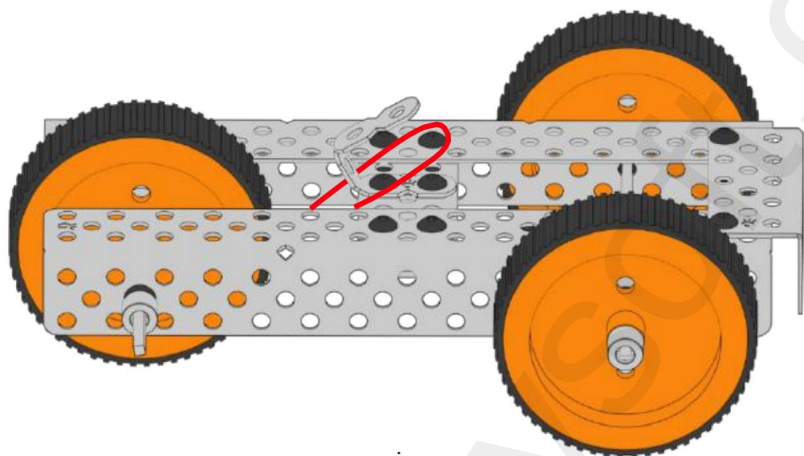
**Sfat de asamblare**

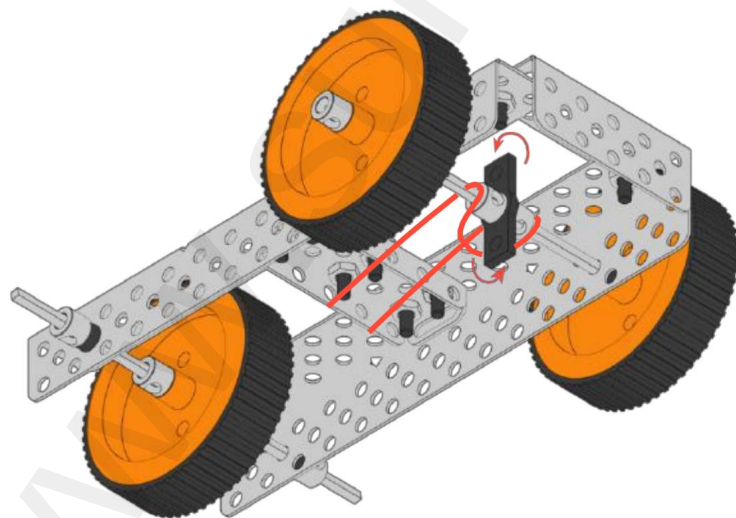
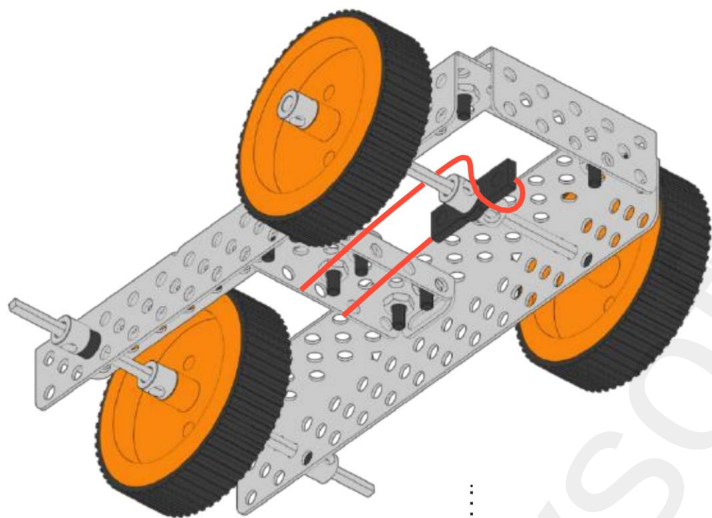
Pentru informații despre îndoirea flexi, consultați instrucțiunile de mai sus.



9

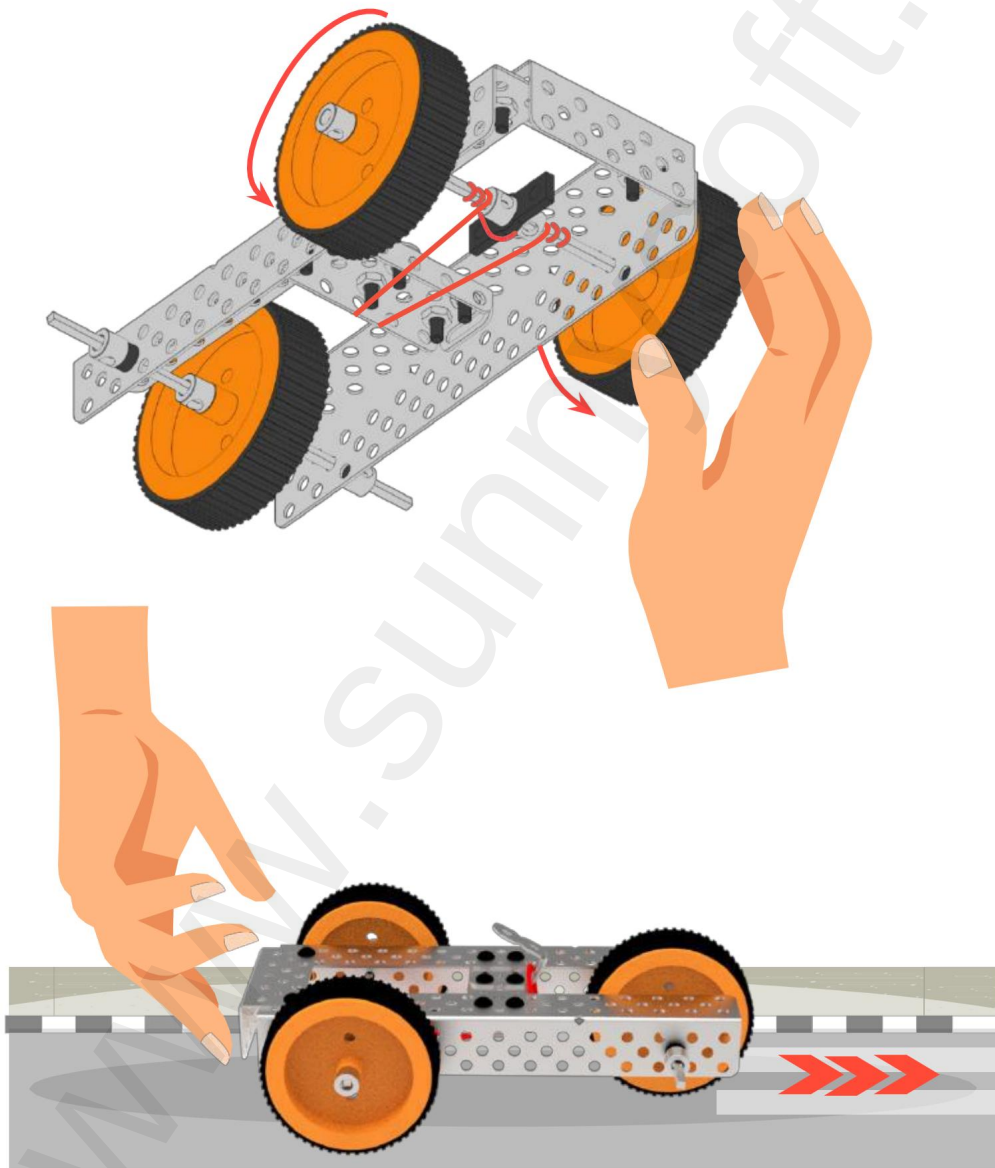




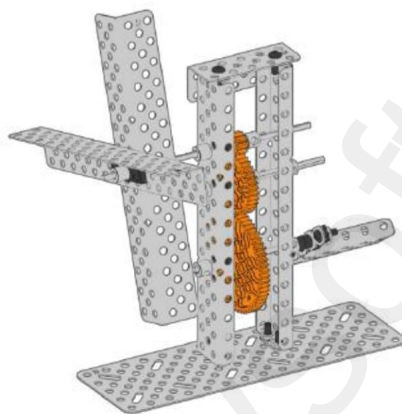


Cum să te joci cu o mașină

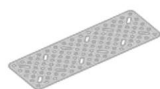
- Cu ajutorul roților, înfășurați cureaua de cauciuc pe puntea din spate.
- Roti i roata în sens invers acelor de ceasornic .
- Țineți banda elastică și axa și așezați șasiul pe sol.



Proiectul 2: Ventilator



De ce vei avea nevoie?



7,5"
Dreptunghiular
Placă
x1



7,5"
Canalul L
x2



7,5"
grindă în U
x2



2,5"
Canalul L
x1



2,5"
Flexi mic
x1



2,5"
grindă în U x1



umpluturi
x11



Blocare axului
x10



Conectori cu
3 orificii x2



5,5"
axă x1



3,5"
corec
x2



Mare
angrenaj drept
bicicleta x1



Frontal mijlociu
roata din
atâ x1



Angrenaj mic
x1

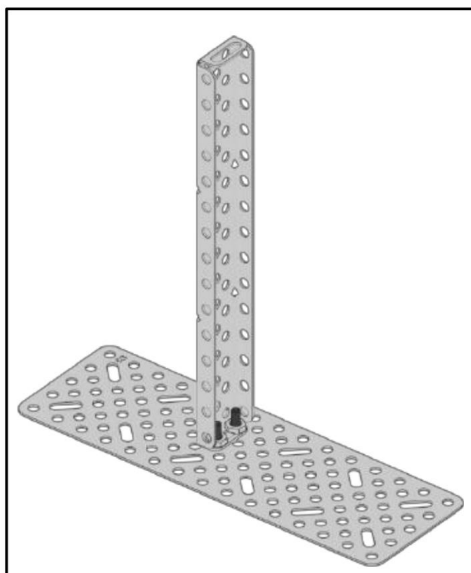
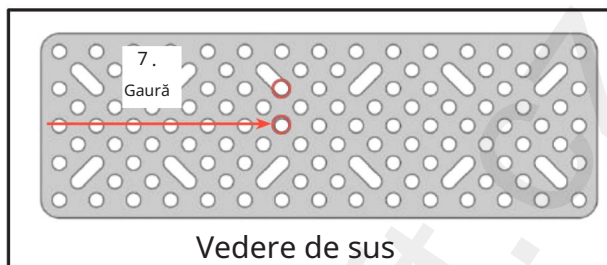
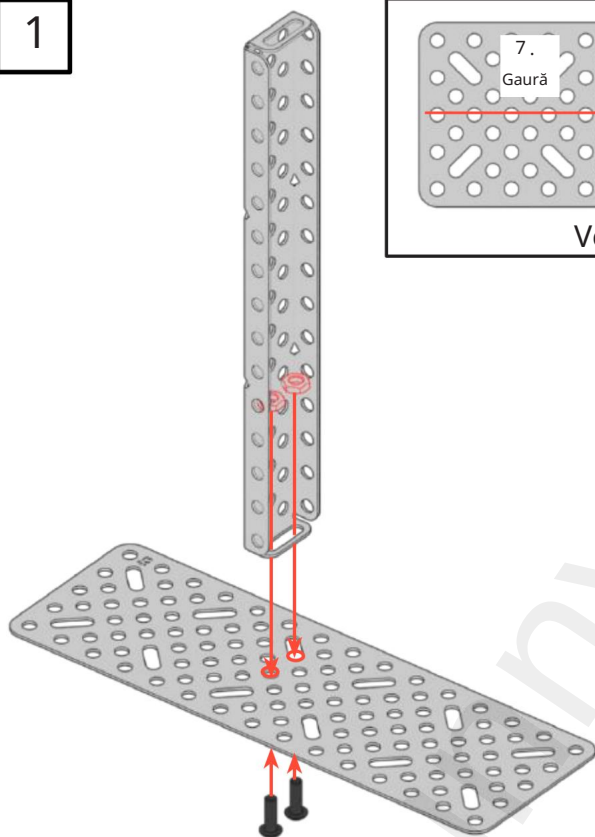


șuruburi de 12
mm x14

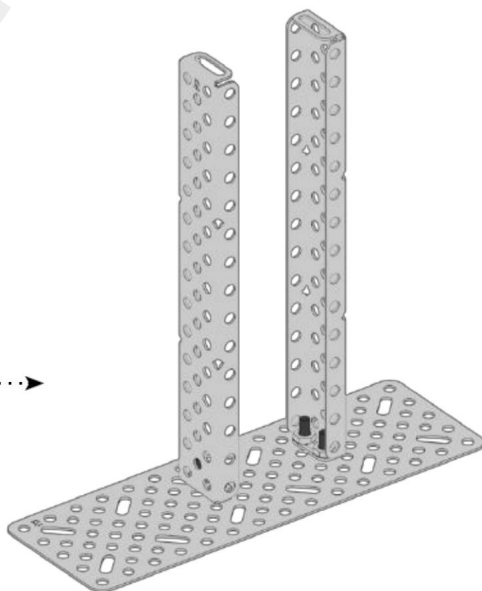
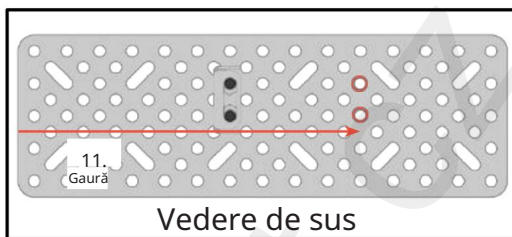
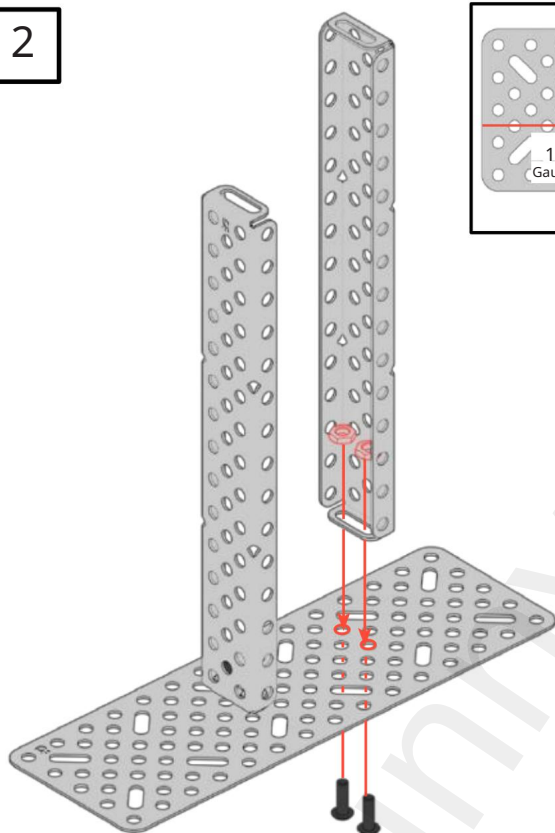


piuli
x14

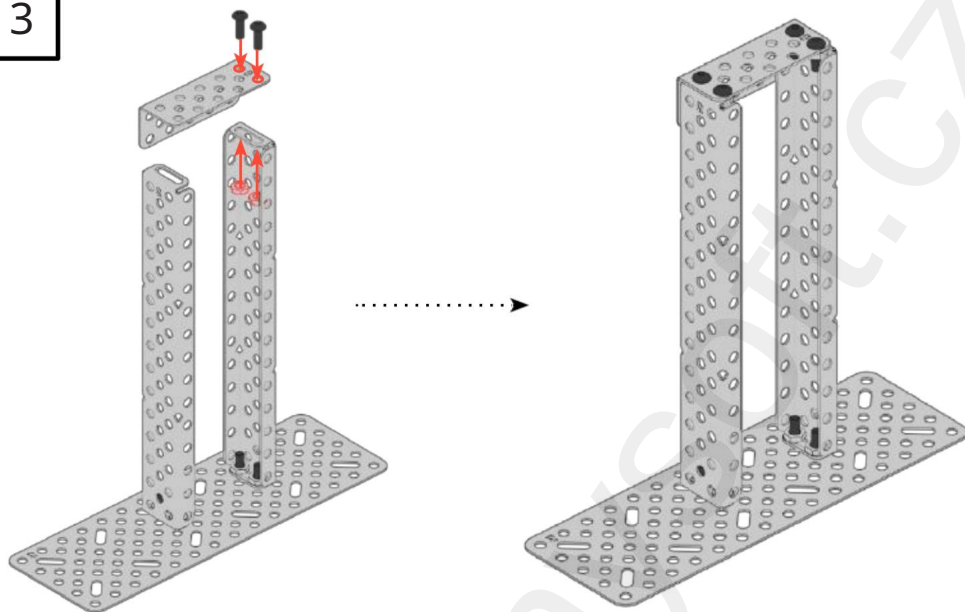
1



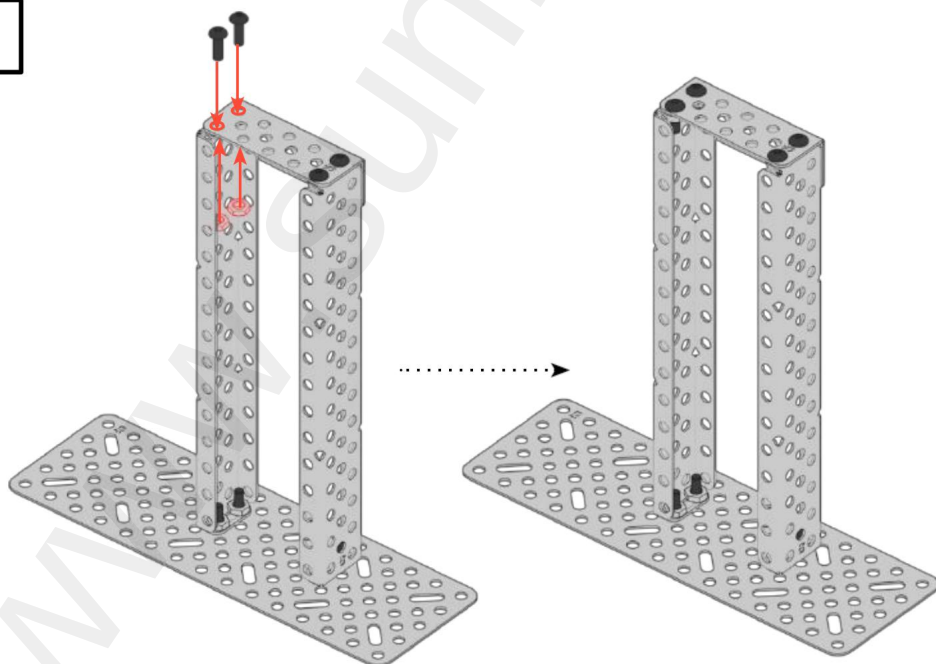
2



3

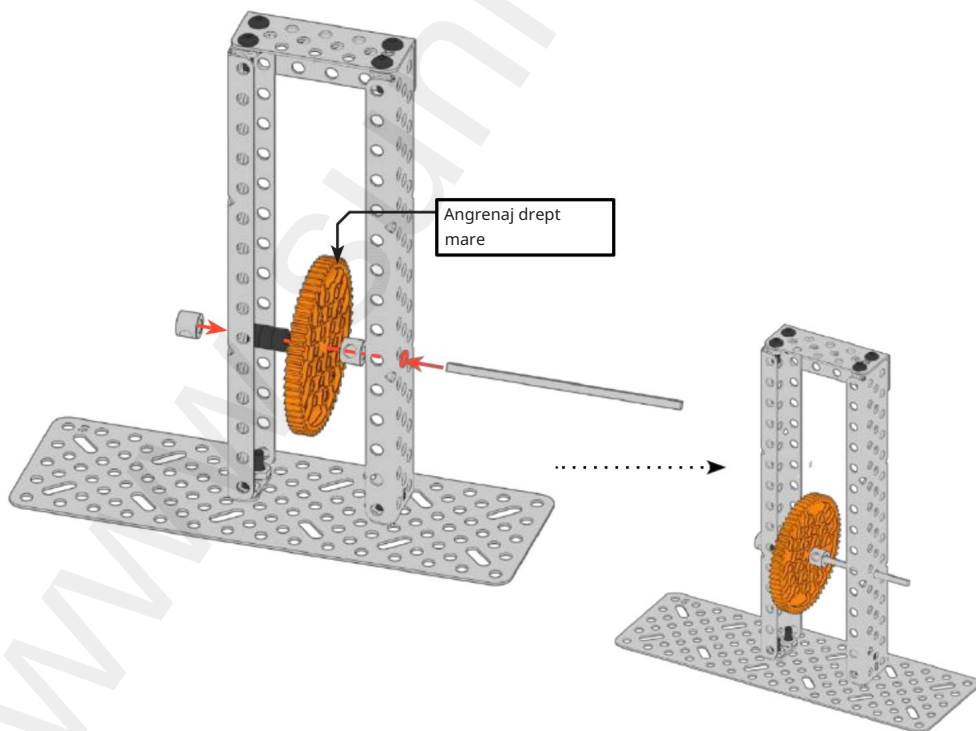
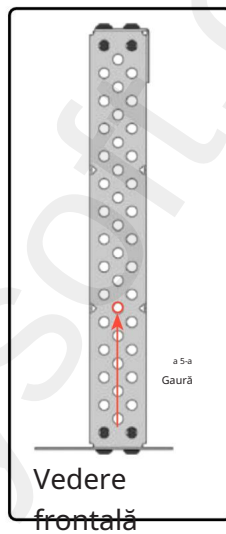
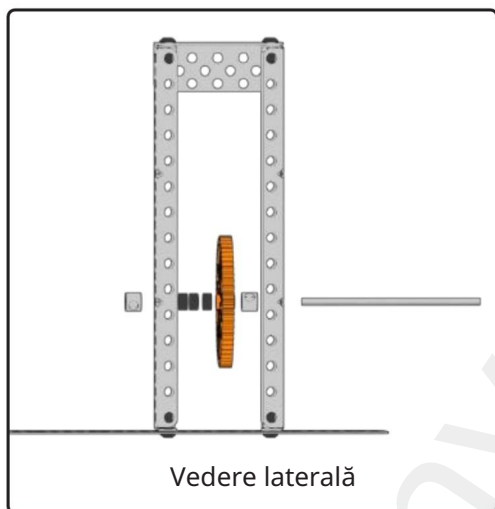


4



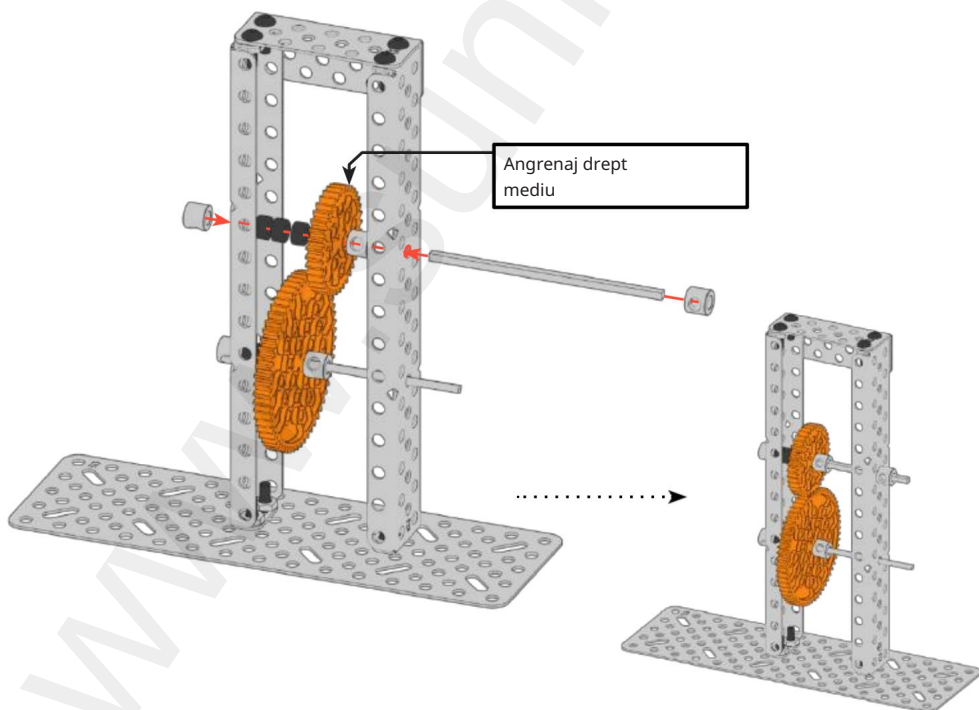
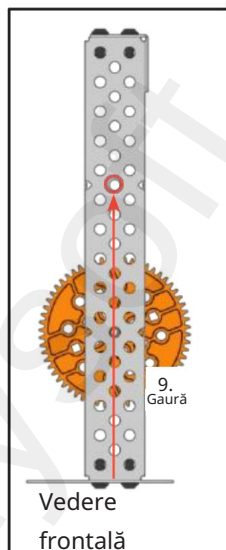
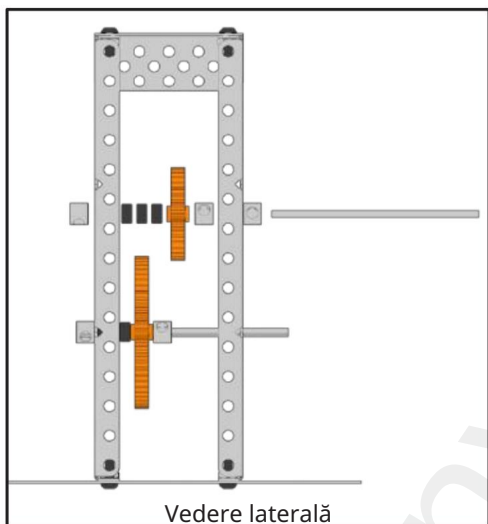
5

1:1 Remediu 3.5

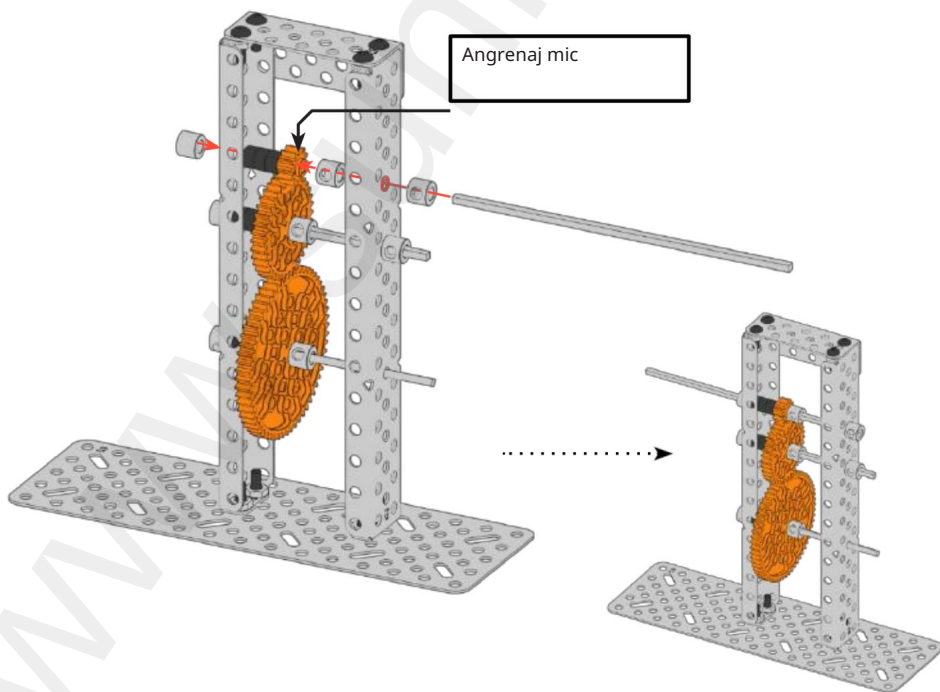
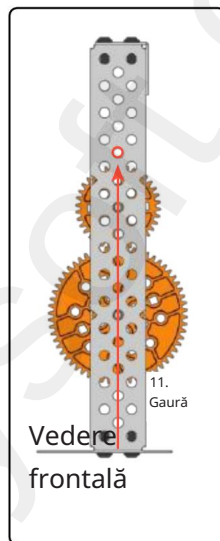
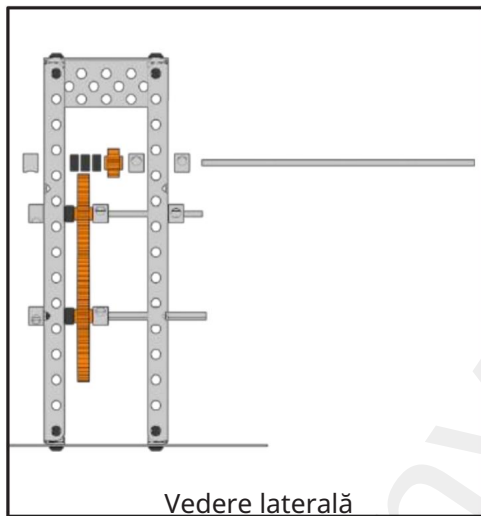


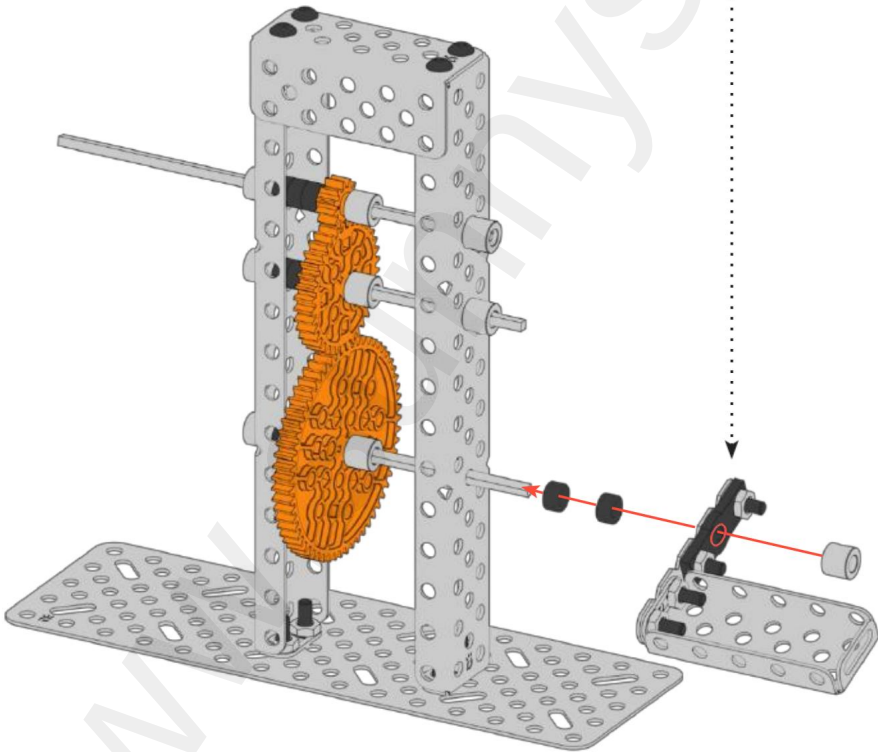
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Remediu 1:1 3,5

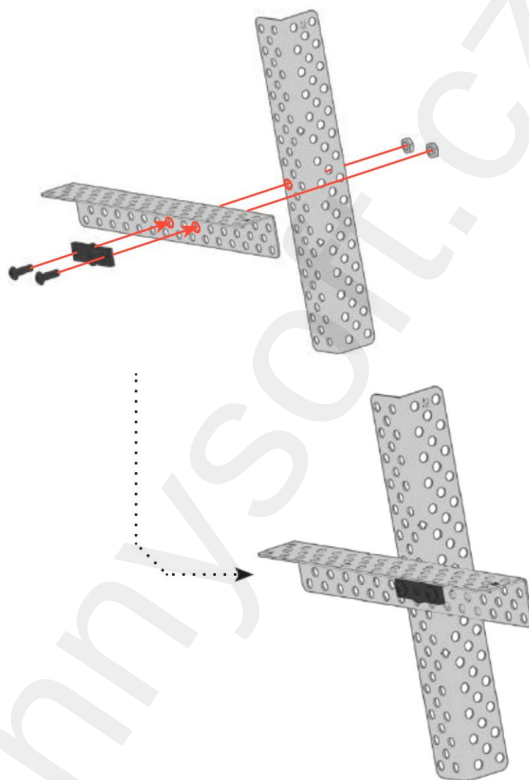
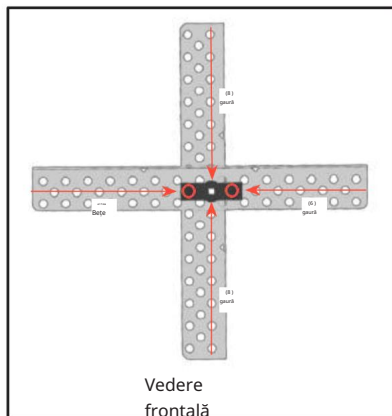


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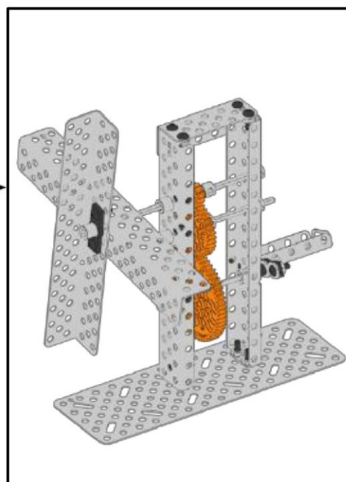
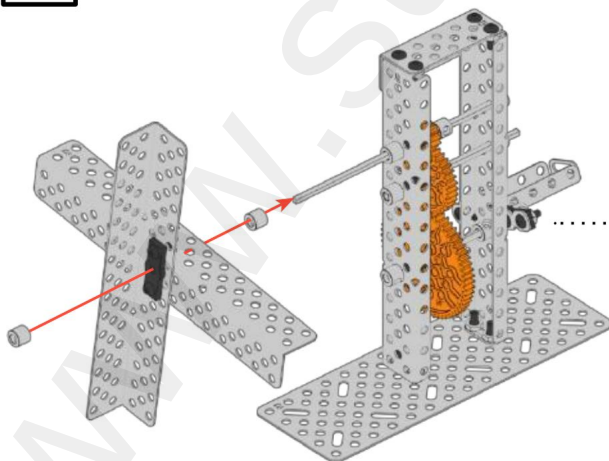




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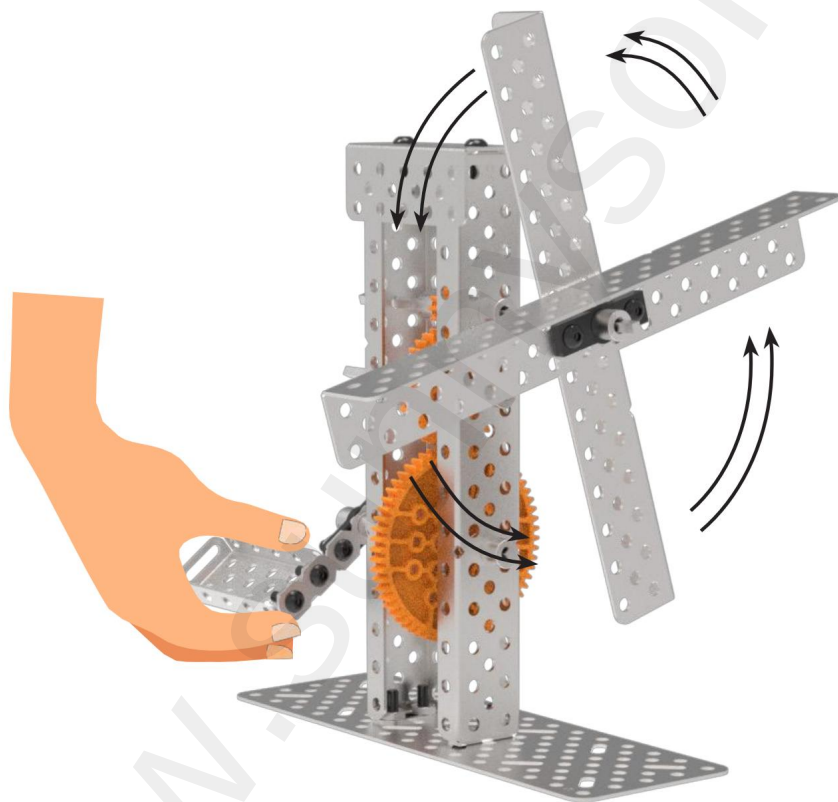


10

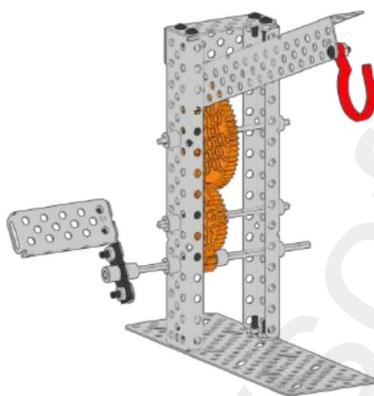


Cum să te joci cu un ventilator

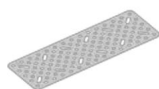
- Folosiți pârghia/mânerul pentru a porni ventilatorul.



Proiectul 3: Macara



De ce vei avea nevoie?



7,5"
Placa dreptunghiulară
x1



7,5"
Canal L x1



7,5"
grindă în U x2



2,5"
Canal L x1



2,5"
Flexi mic x1



2,5"
grindă în U x1



Axa de 5,5" x1



Axa
de 3,5"
x2



conectori cu 3
orificii x1



Roată dințată
mare x1



Angrenaj drept
mijlociu x1



Angrenaj mic
x1



Blocare axului
x11



umpluturi
x9



Nuci
x15

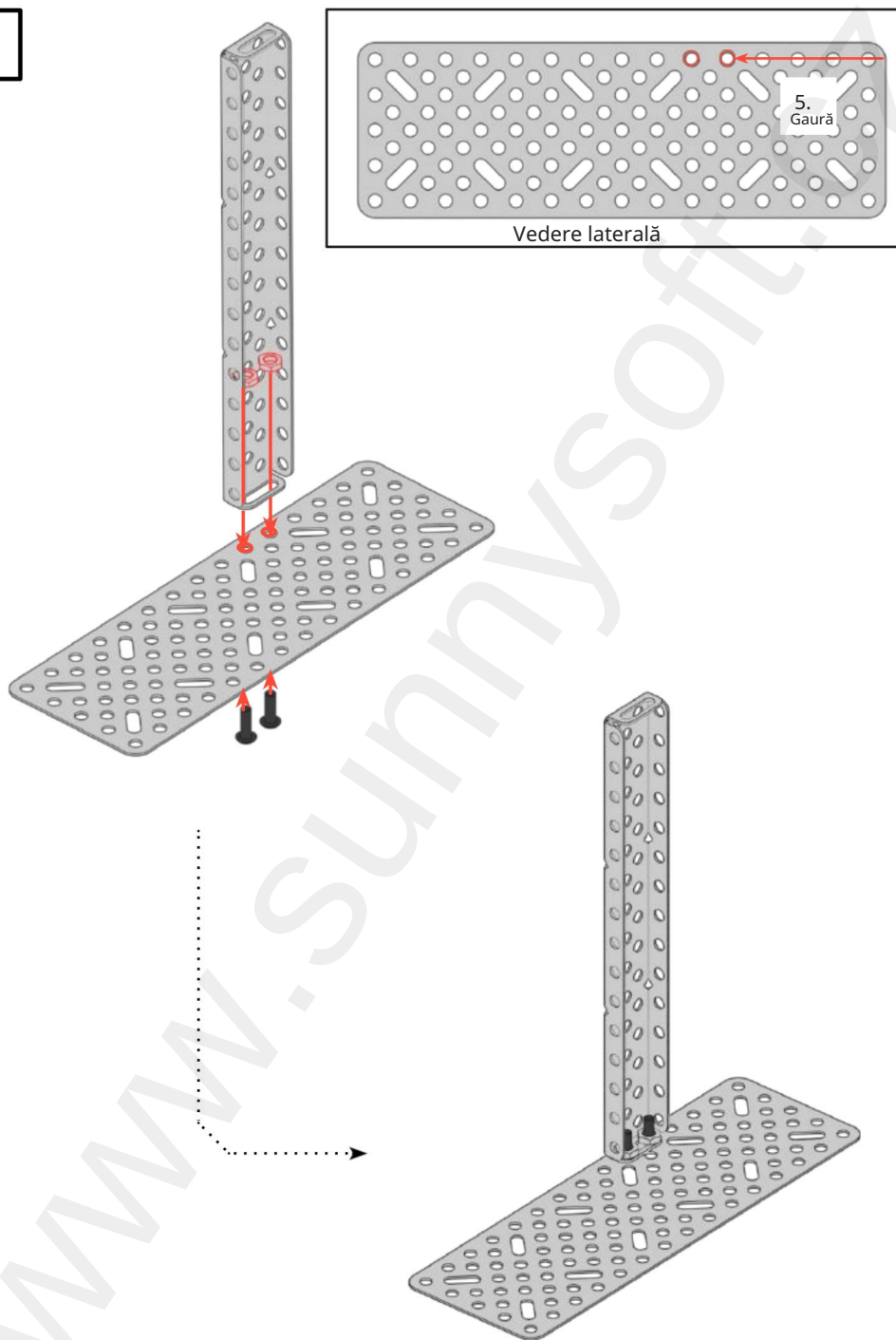


șuruburi de 12 mm
x15

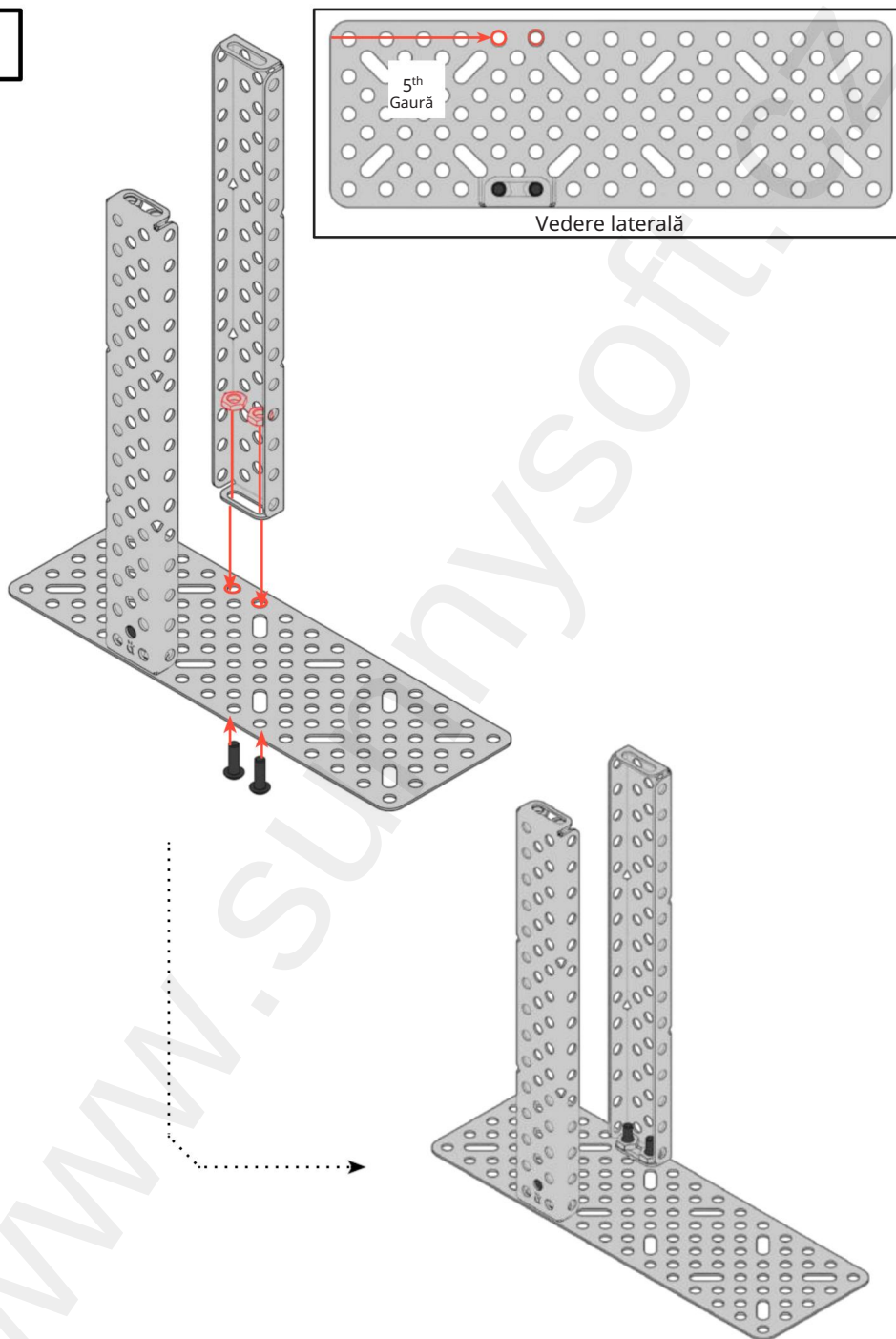


Cârlig din plastic x1

1

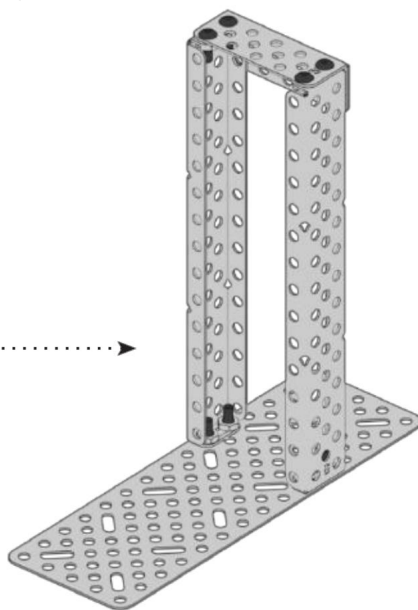
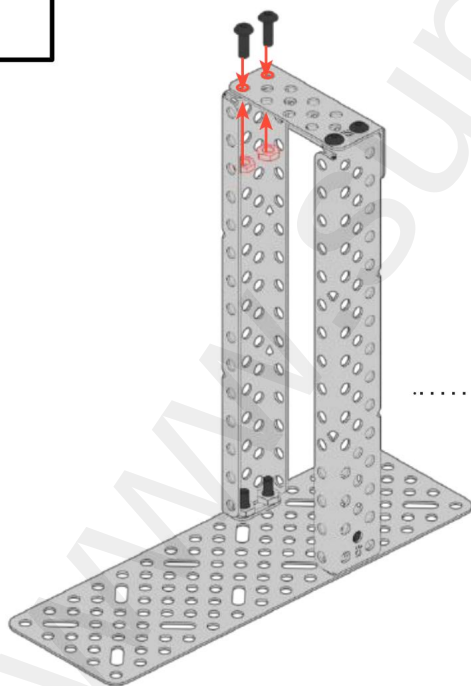
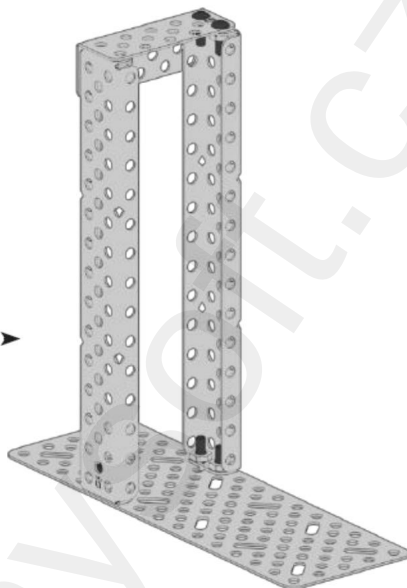
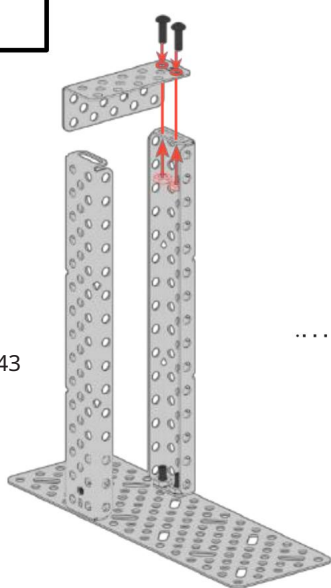


2

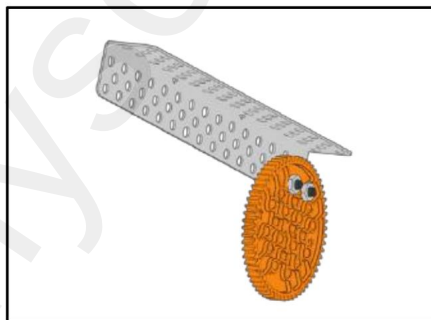
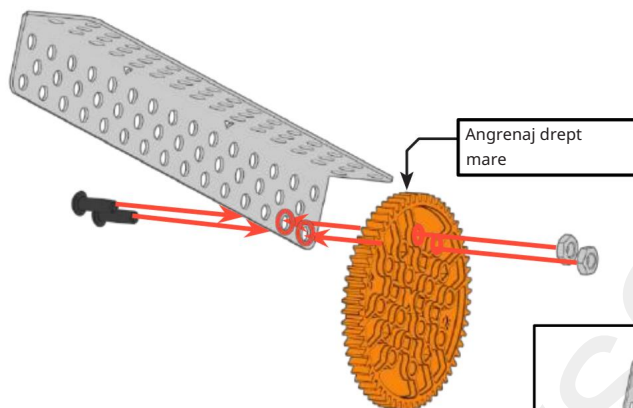




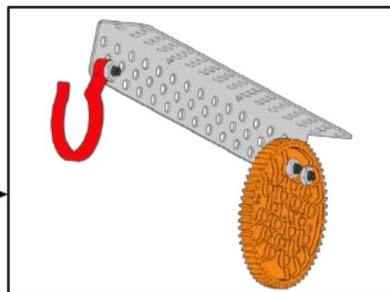
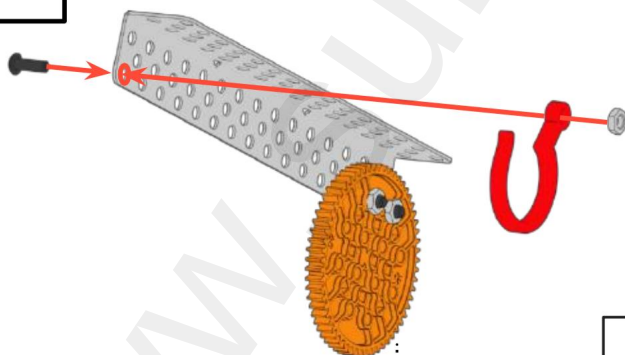
43



5

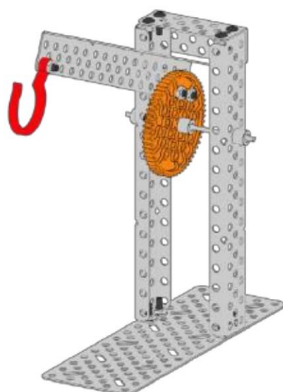
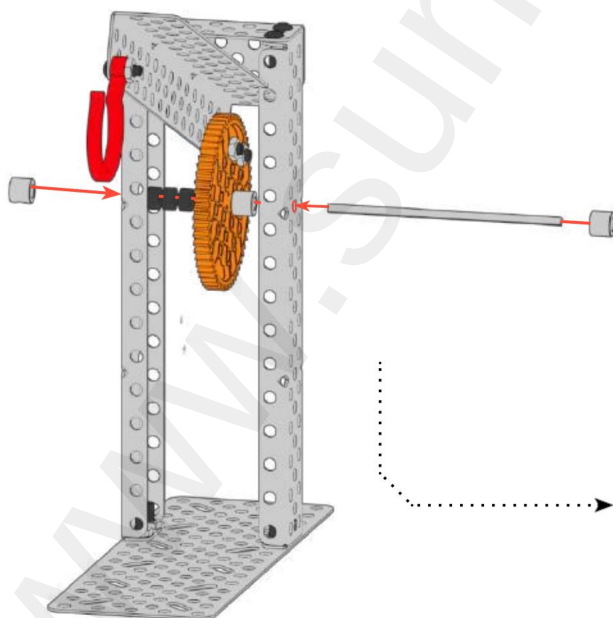
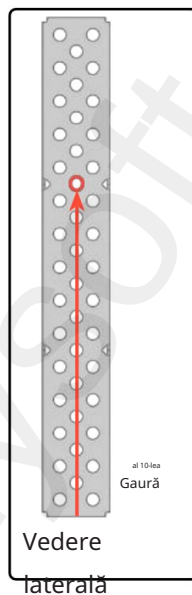
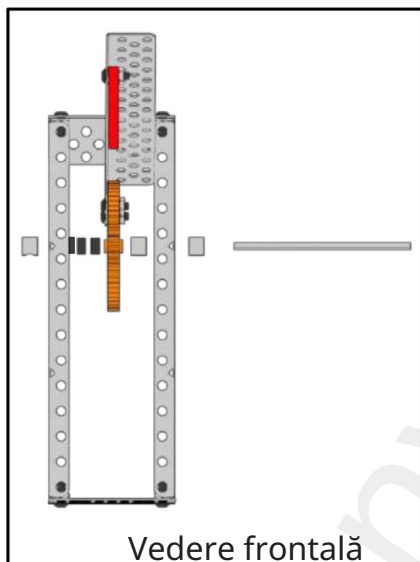


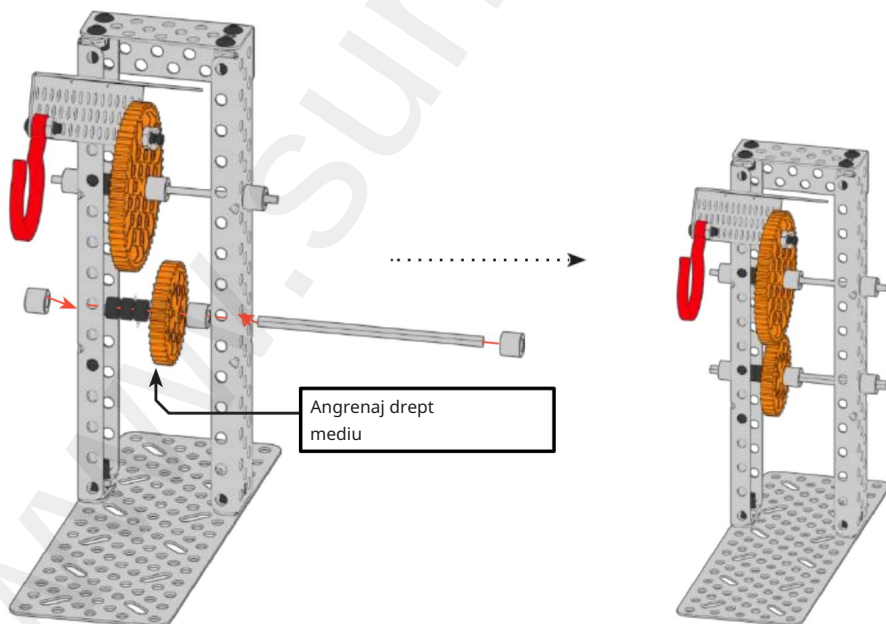
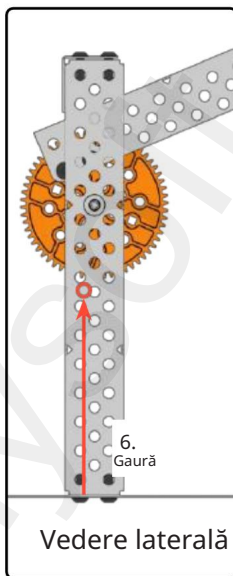
6



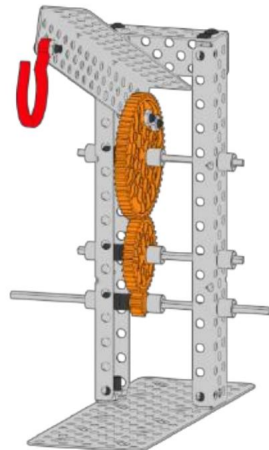
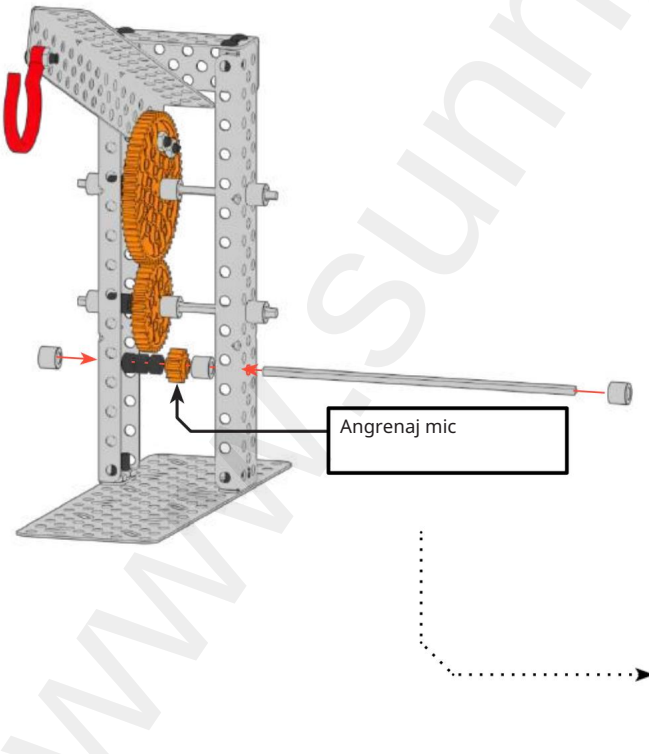
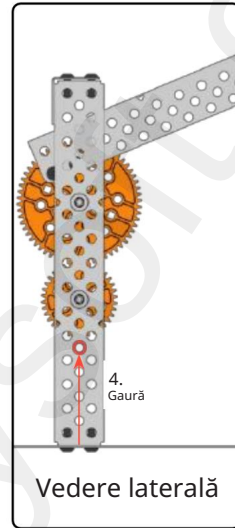
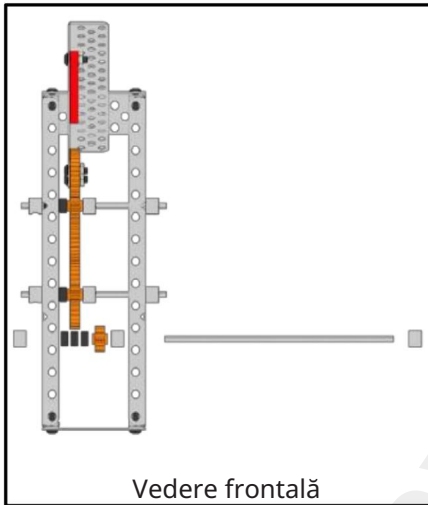
7

Remediu 1:1 3.5

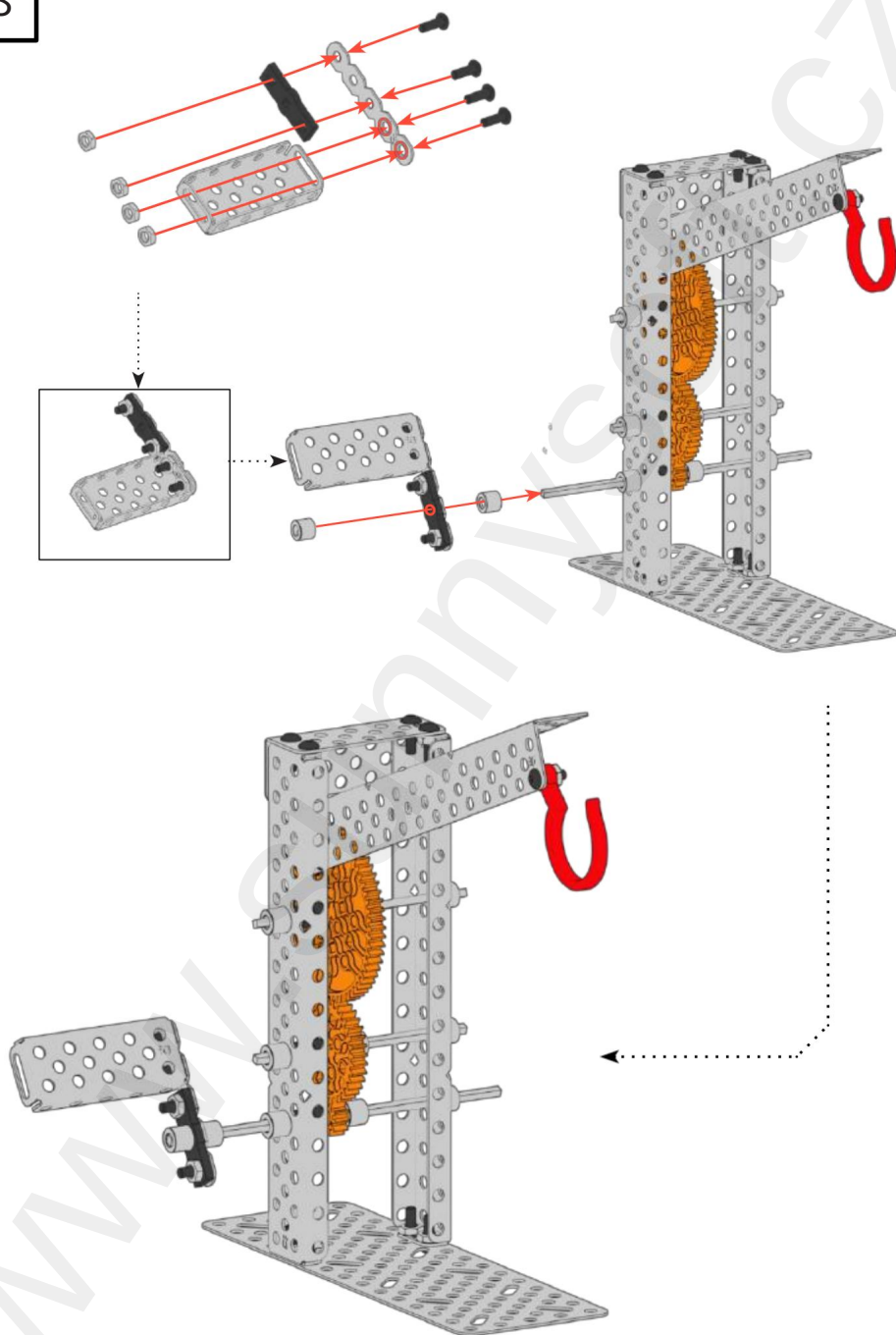




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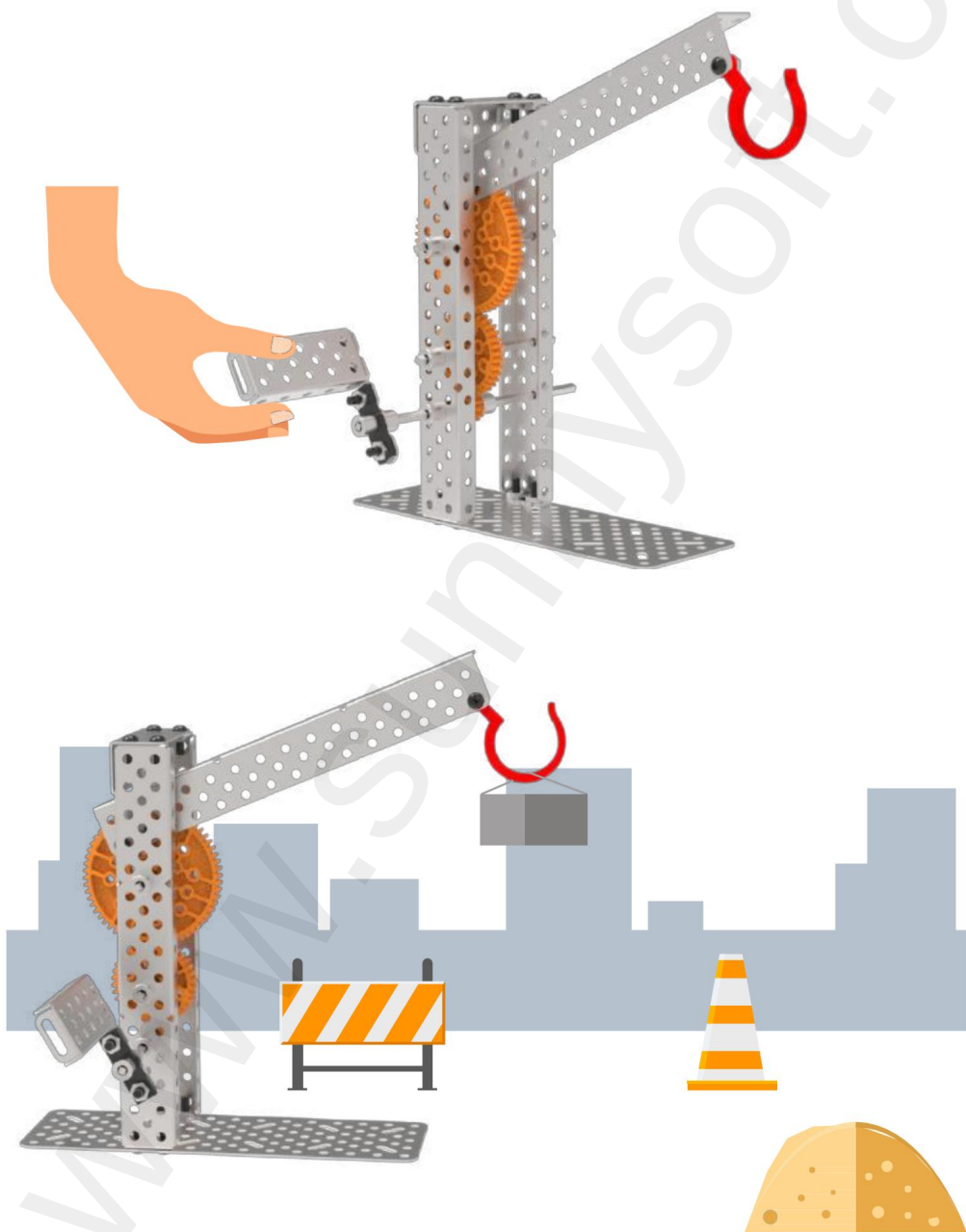


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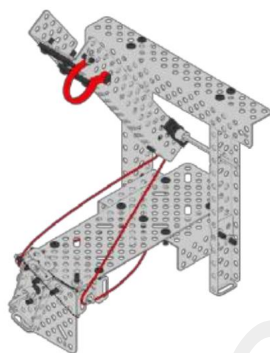


Cum să te joci cu o macara

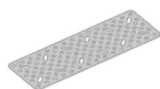
- Rotiți maneta/mânerul pentru a ridica obiectul și macaraua.



Proiectul 4: Catapulta



De ce vei avea nevoie?



7,5"
Placa

dreptunghiulara x1



7,5"
Canalul L
x2



7,5"
grindă în U
x2



2,5"
Canalul L
x3



2,5"
Flexi
x1



2,5"
grindă în U
x3



Umpluturi x1



Blocare axului
x9



Conectori cu
3 gauri x5



5,5"
axă x1



axă de 3,5"
x2



2,5"
Canal L x1



șuruburi de 12
mm x31



piuli ă
x31



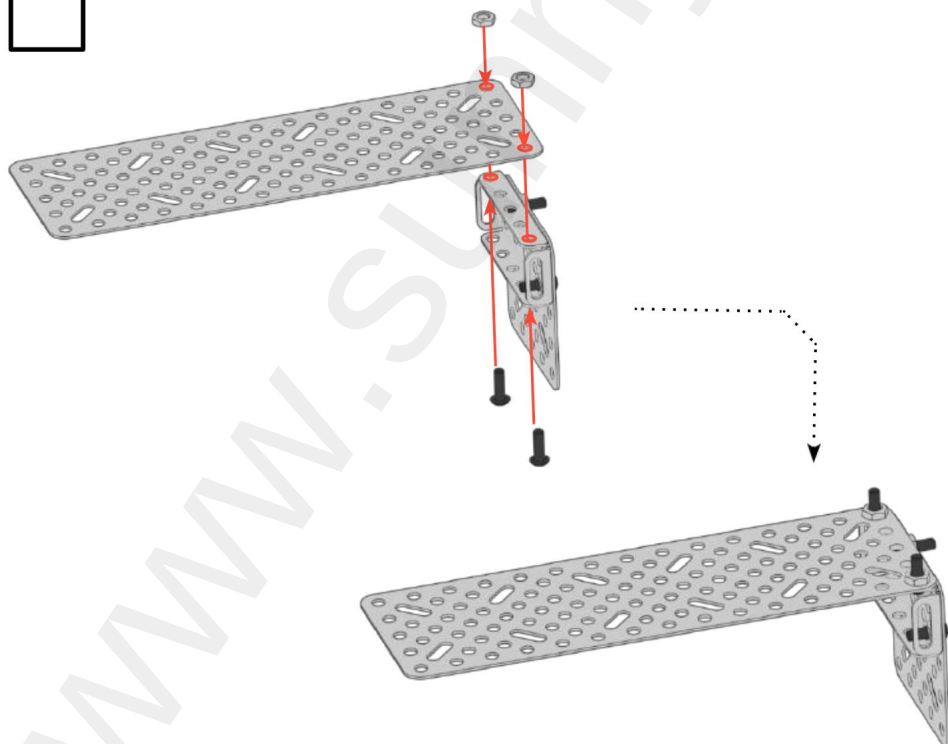
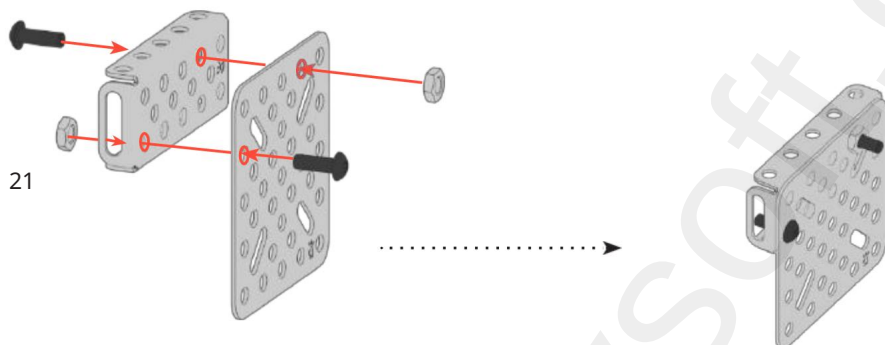
Cârlig din plastic
x1



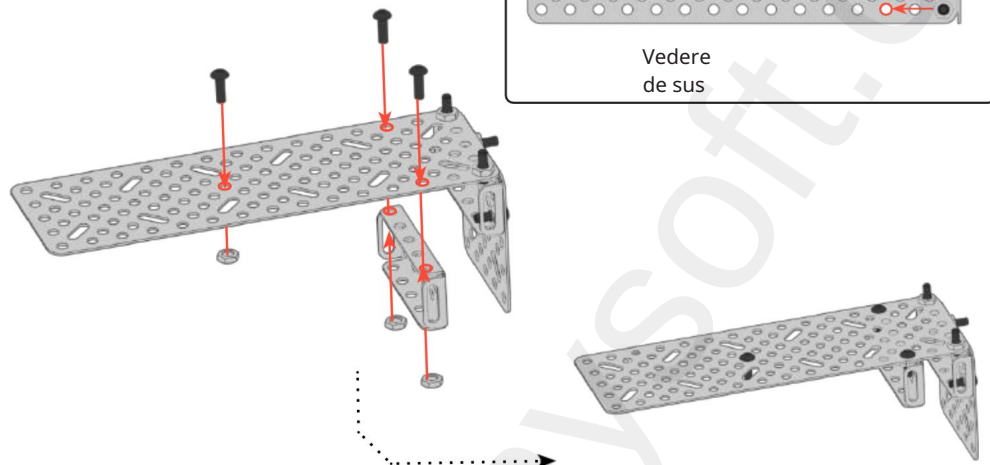
Cauciuc mare
bandă
x1



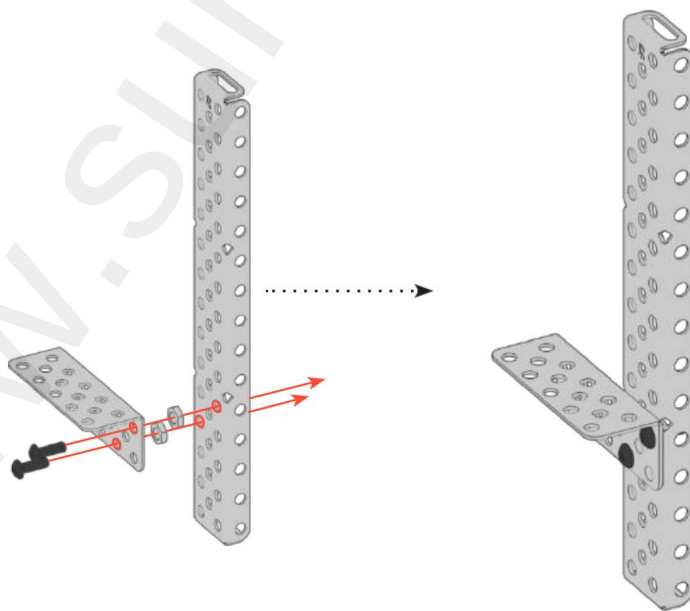
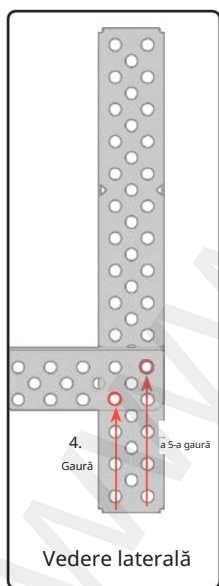
Cauciuc mic
bandă
x1



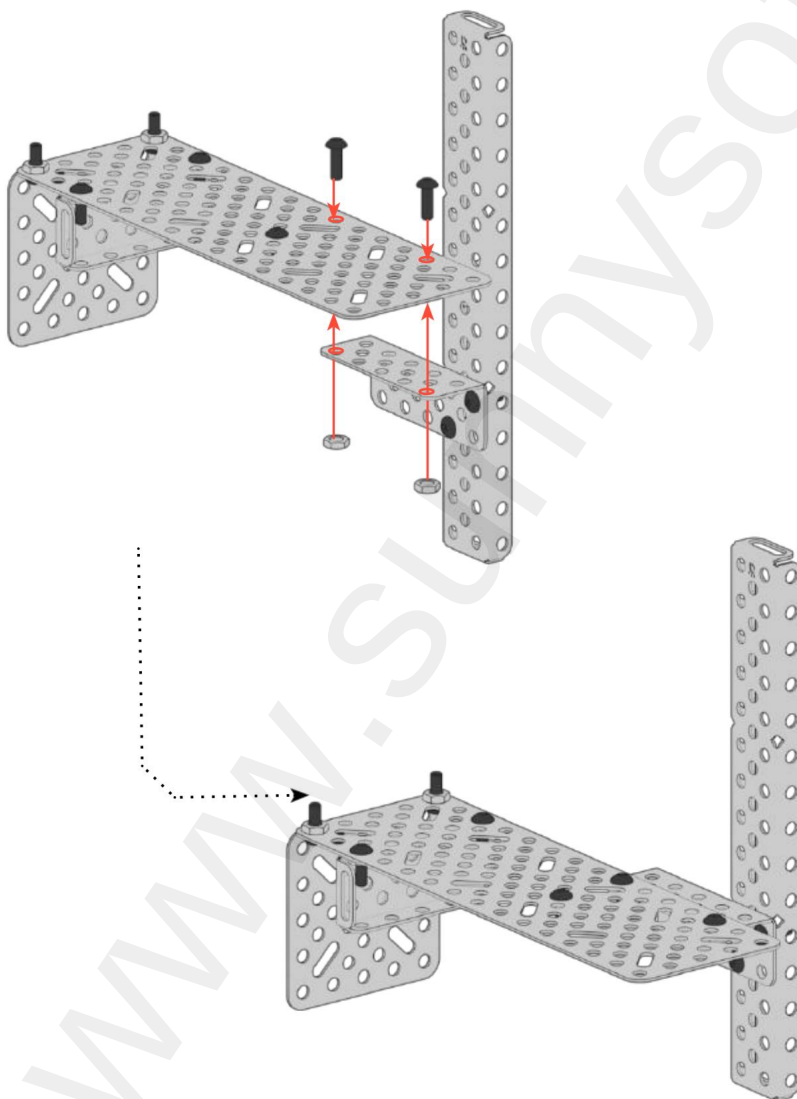
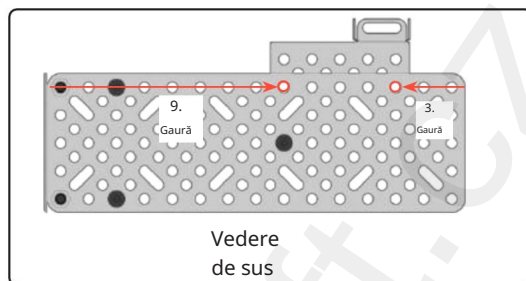
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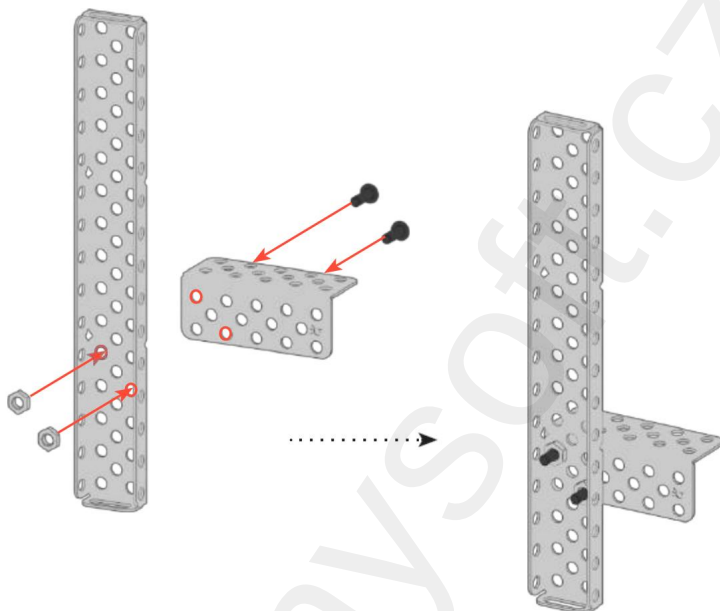
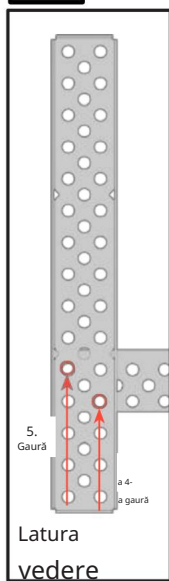
4



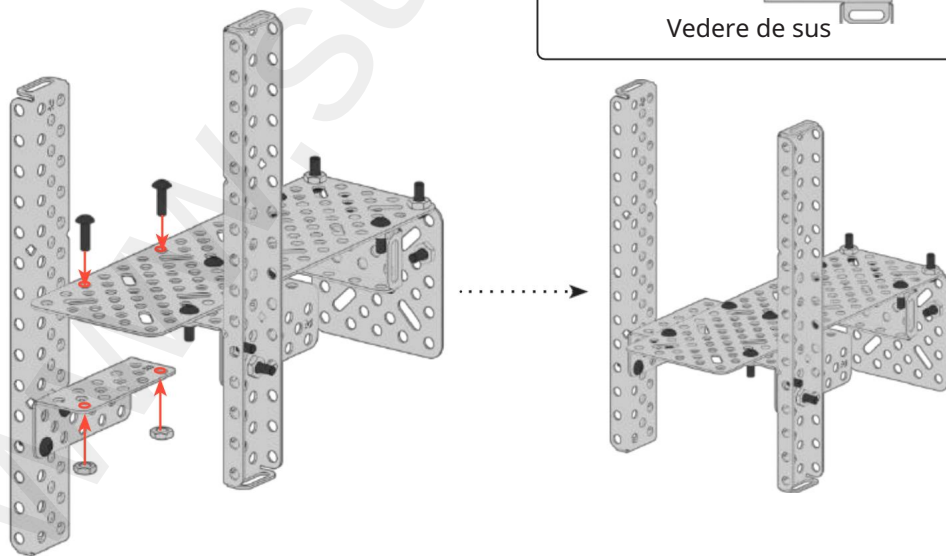
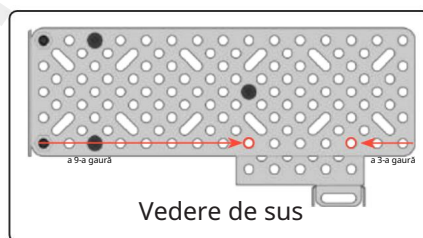
5



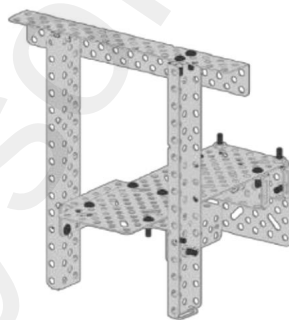
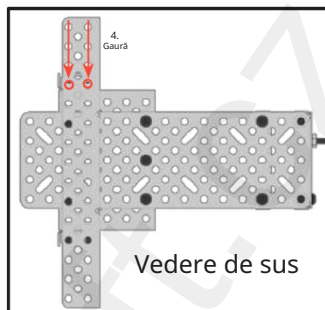
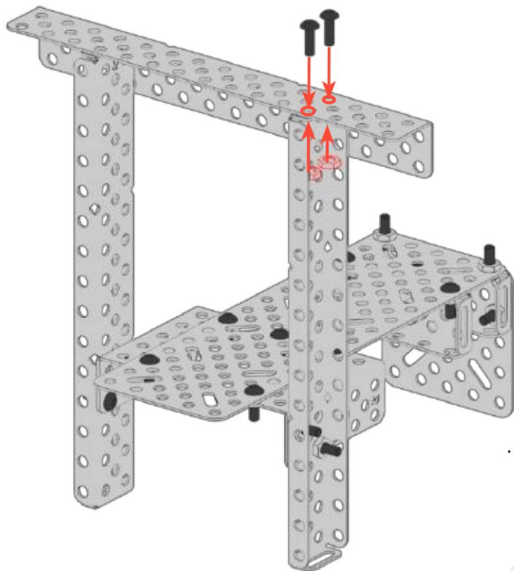
6



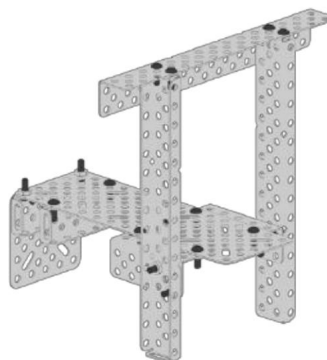
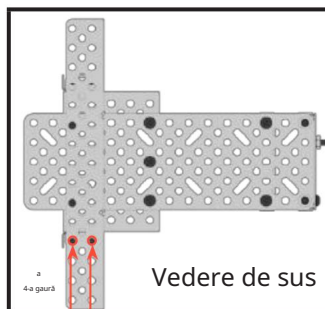
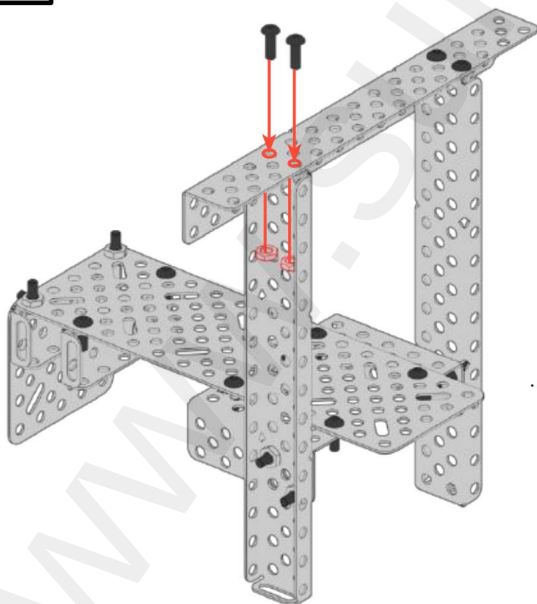
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8

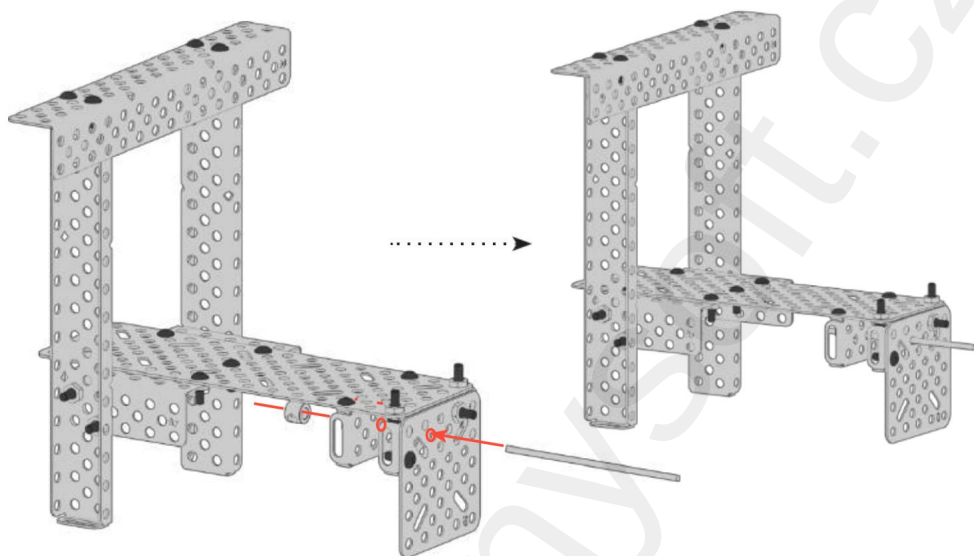


9



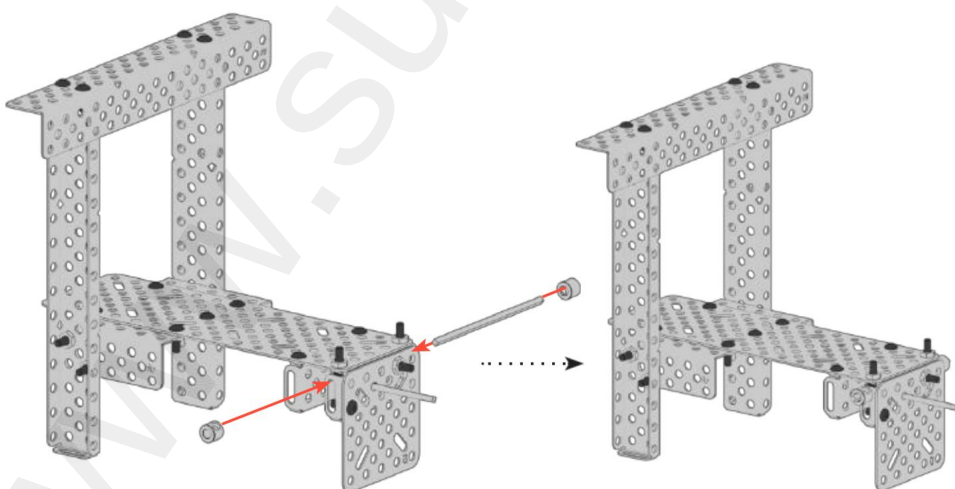
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Remediu 1:1 3.5

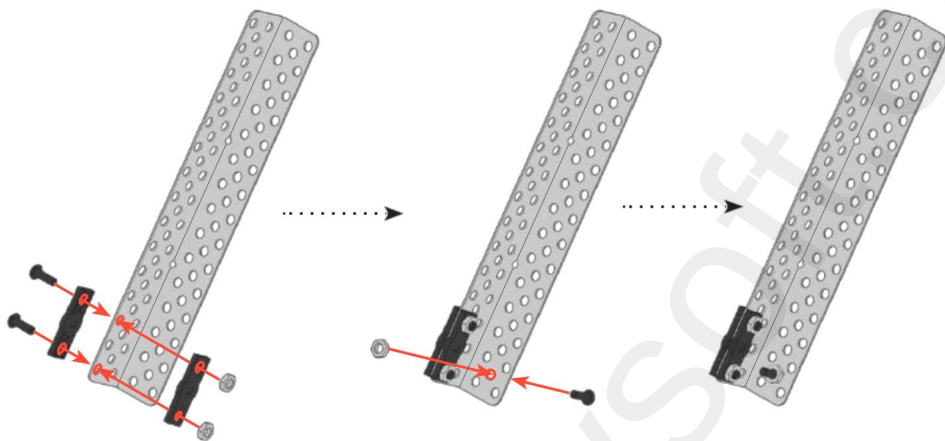


11

Remediu 1:1 3.5

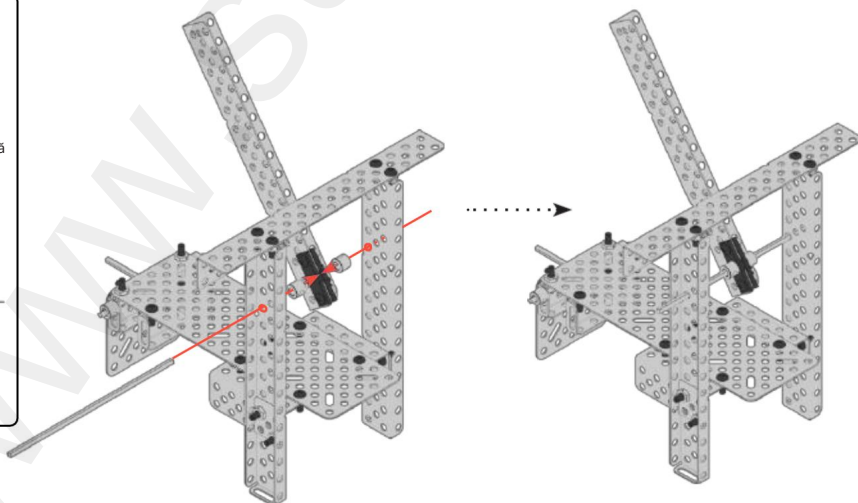
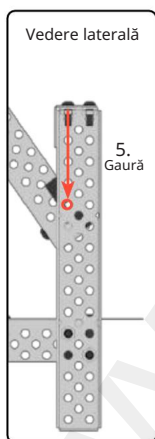


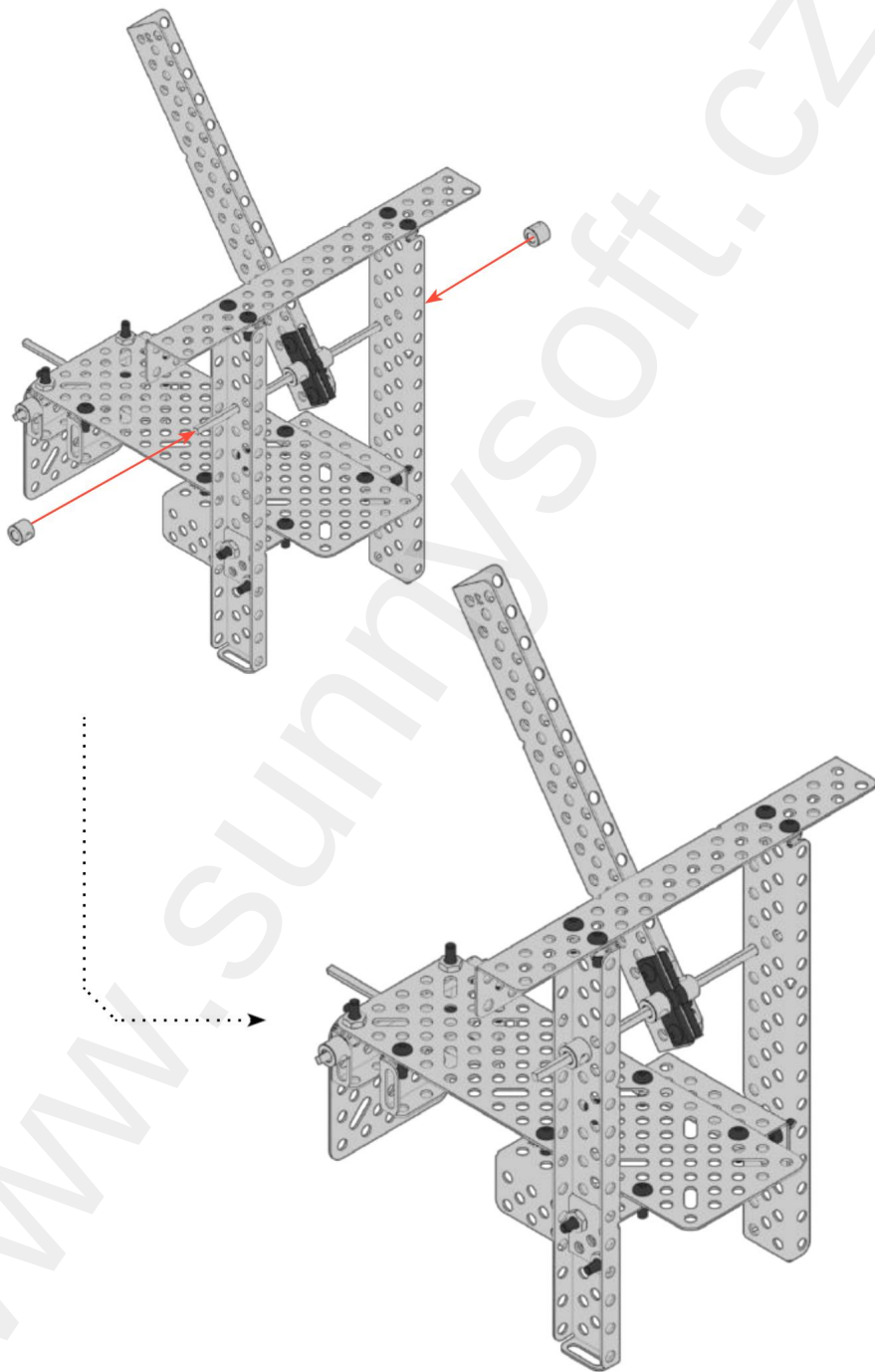
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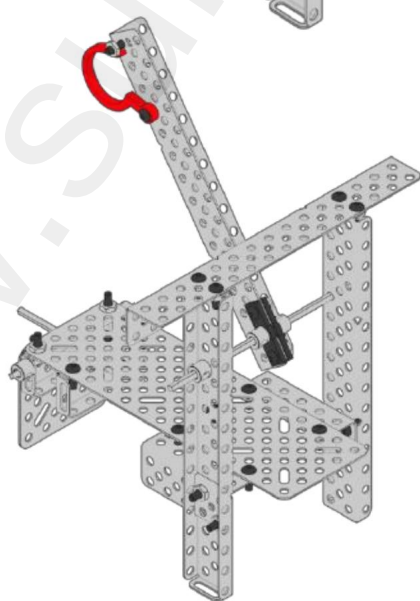
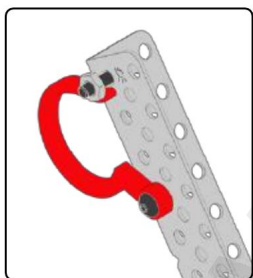
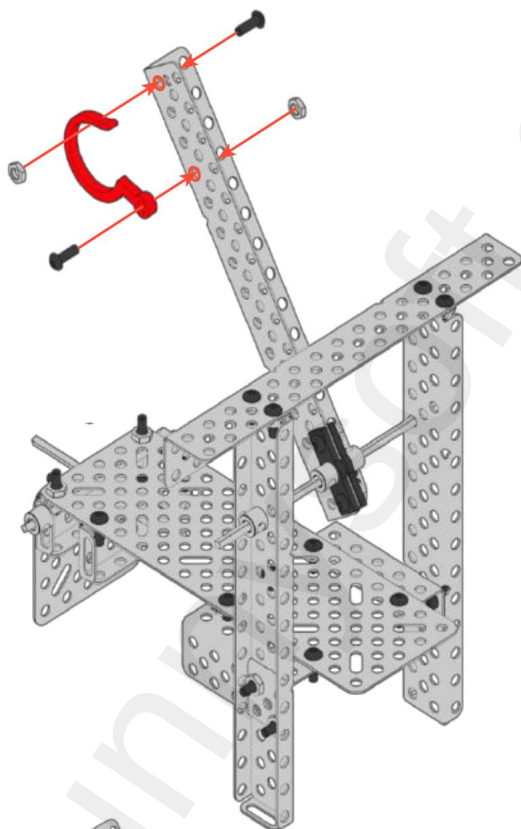
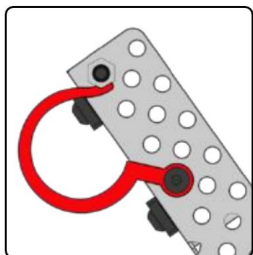
Remediu 1:1 5.5

13

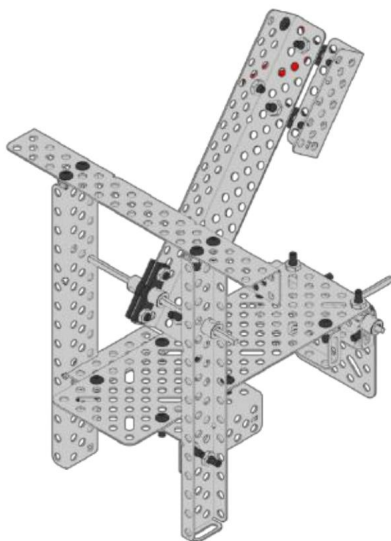
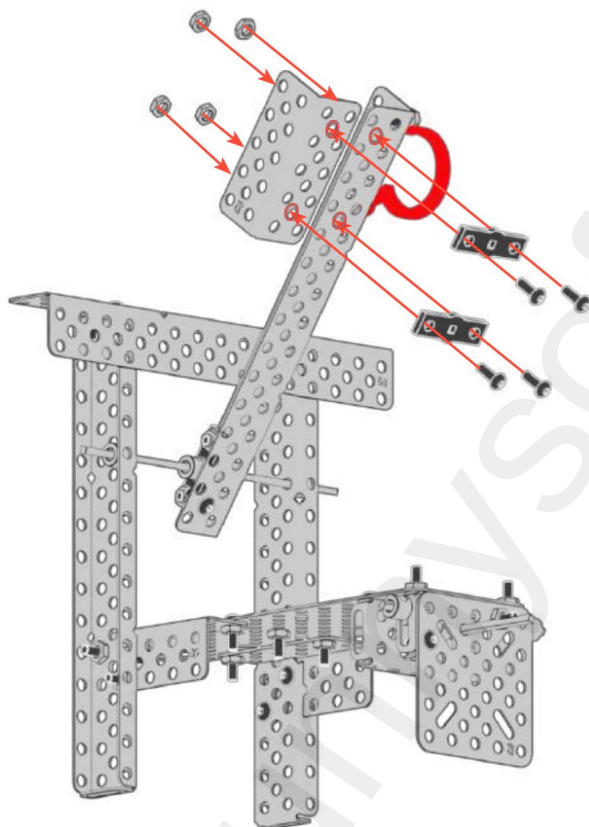




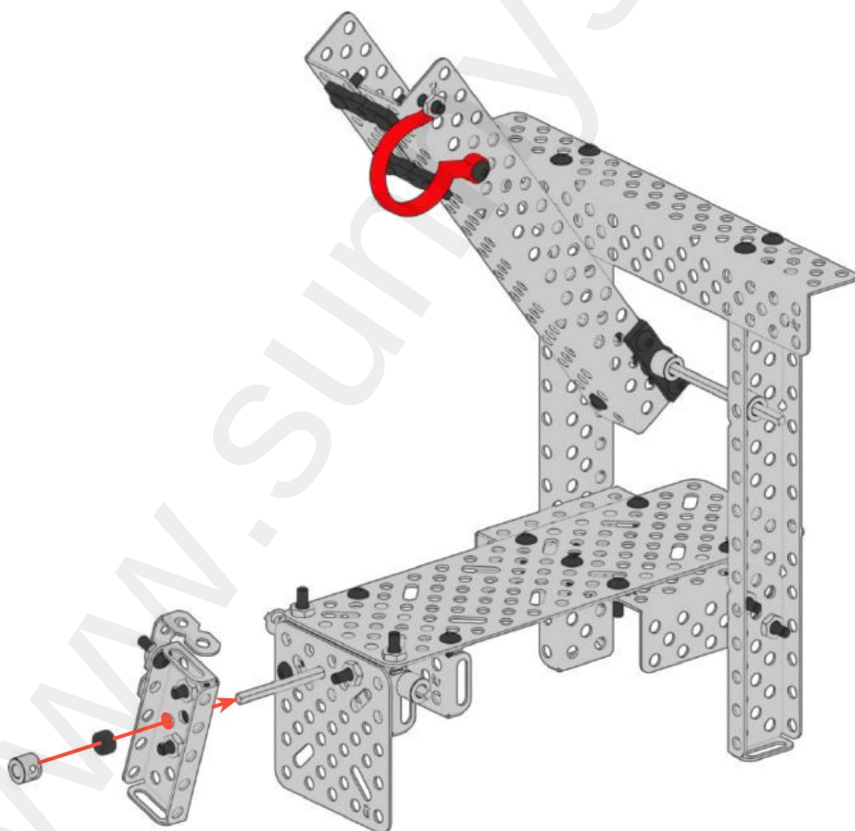
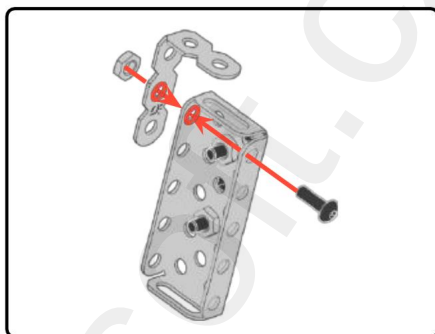
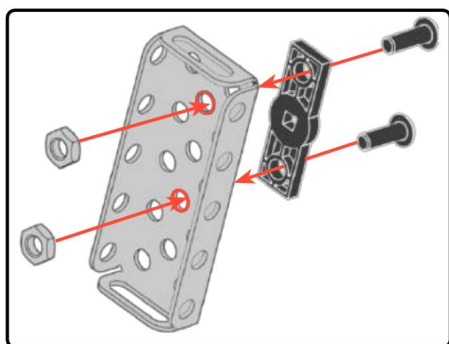
15



16

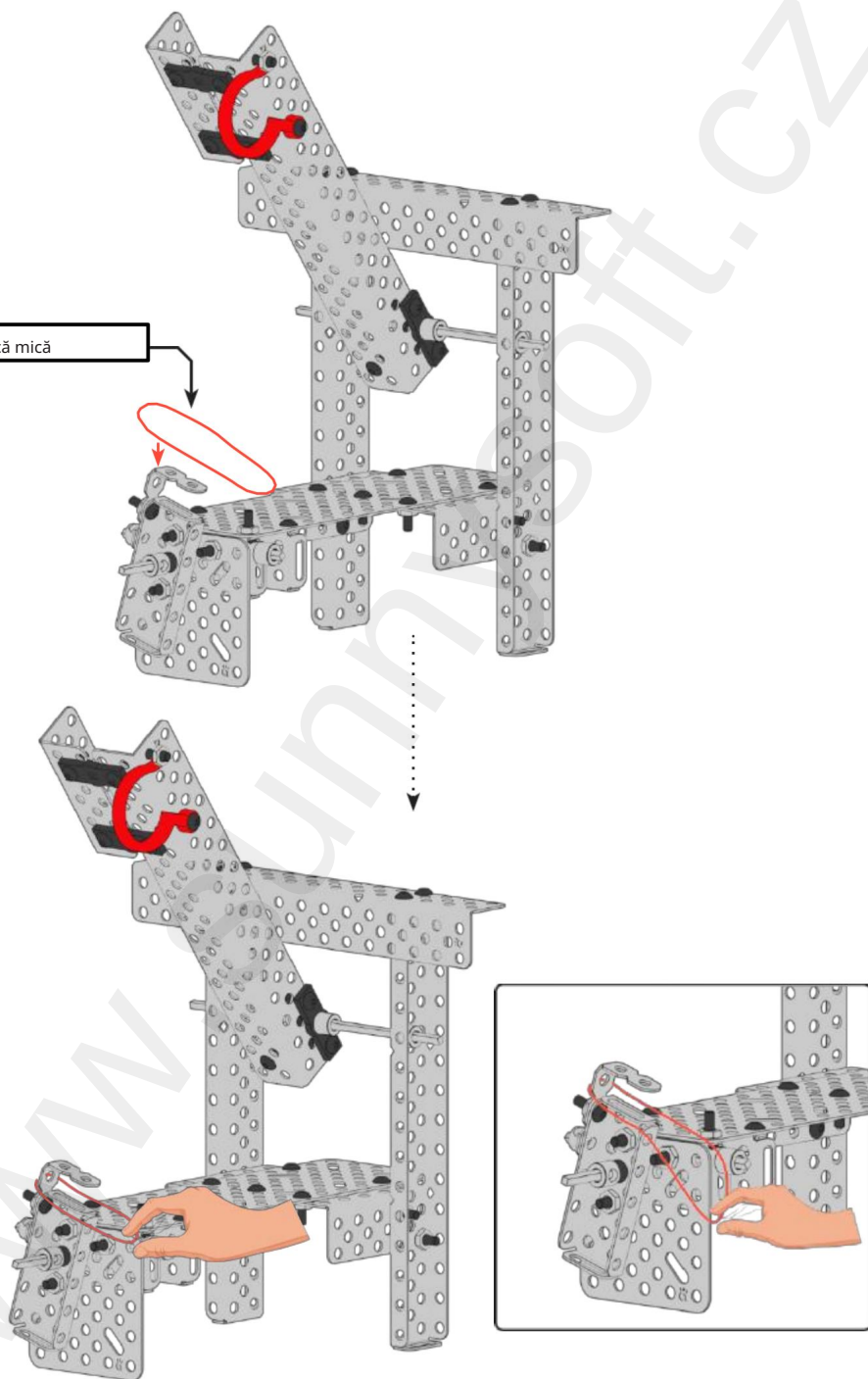


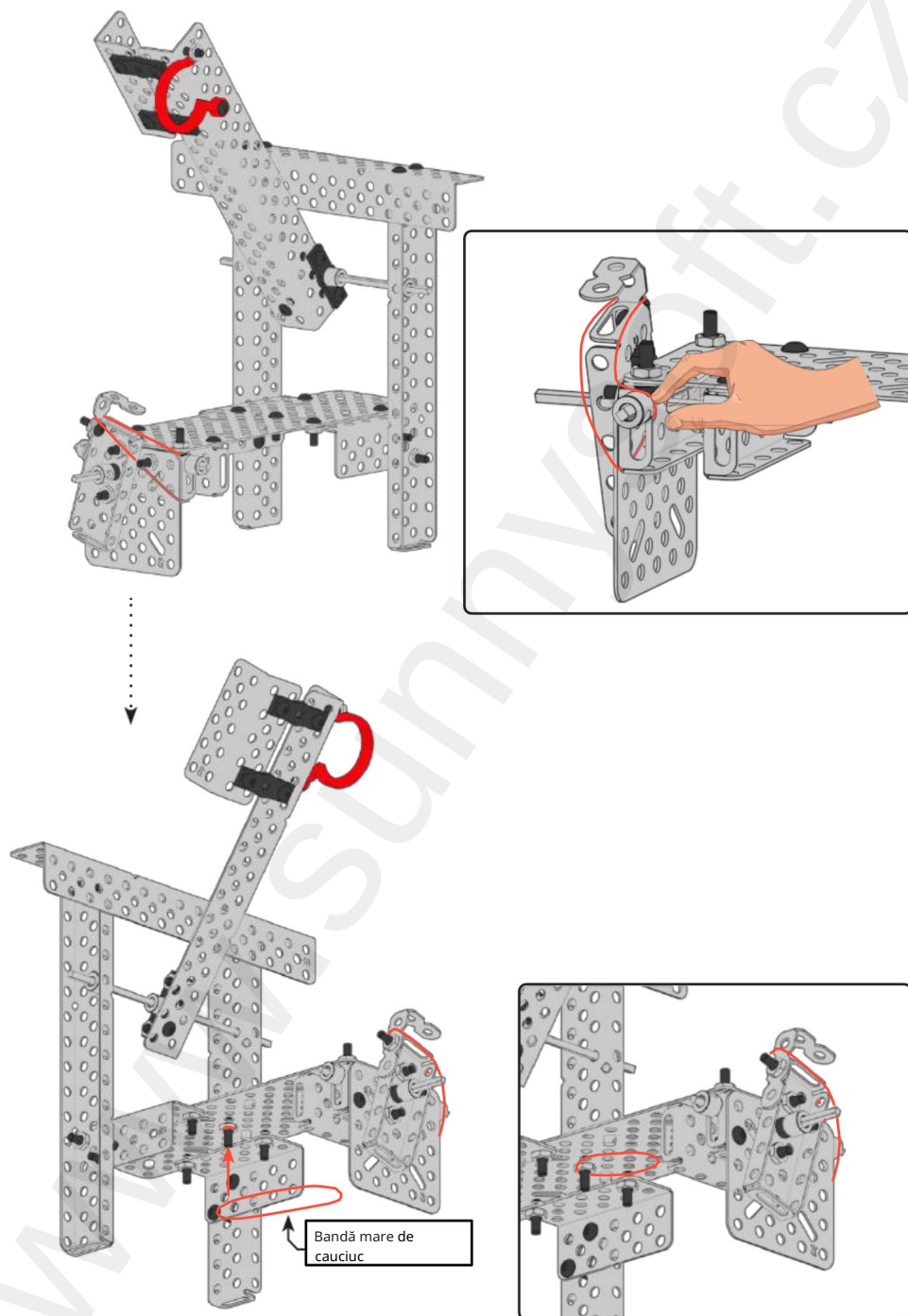
17

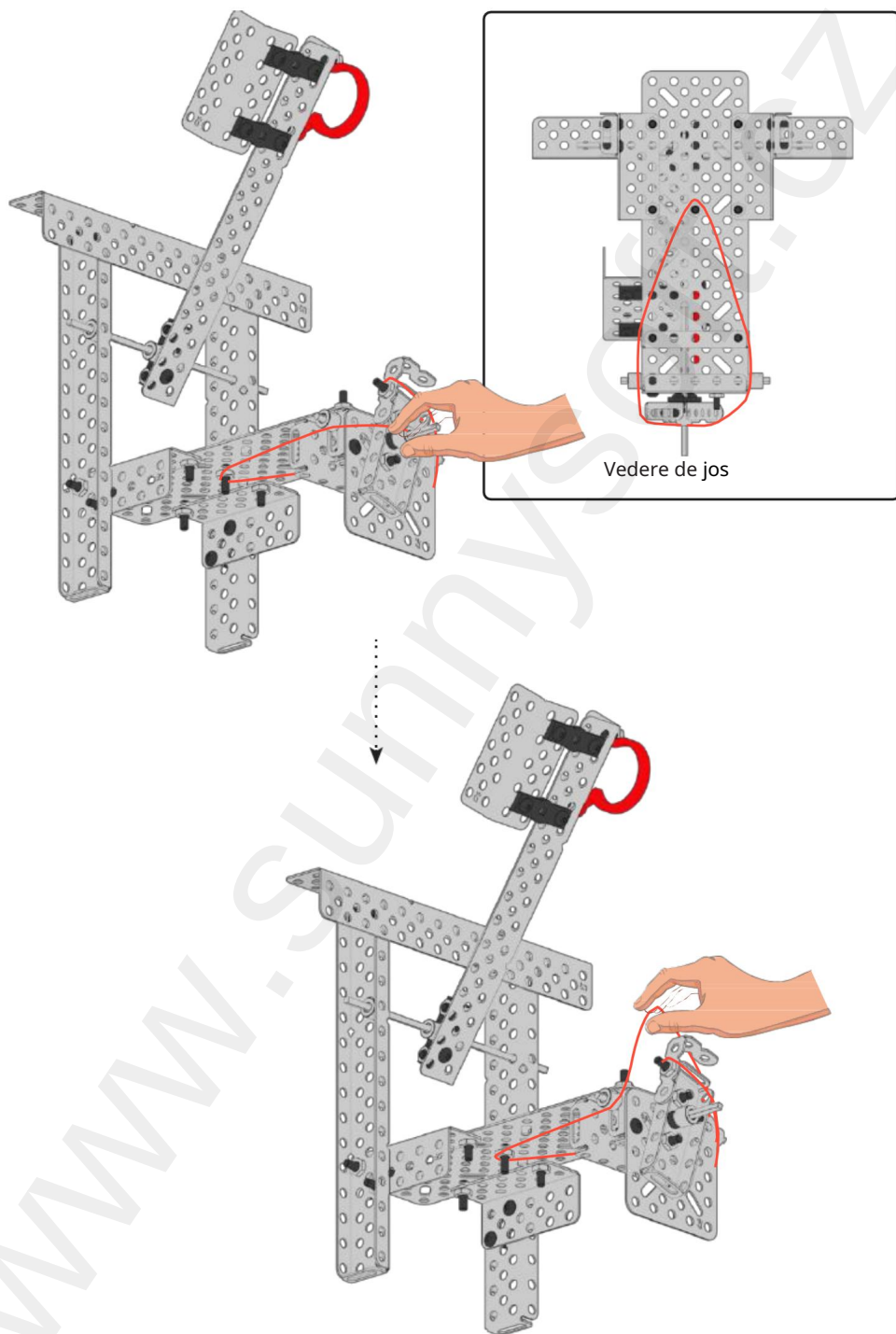


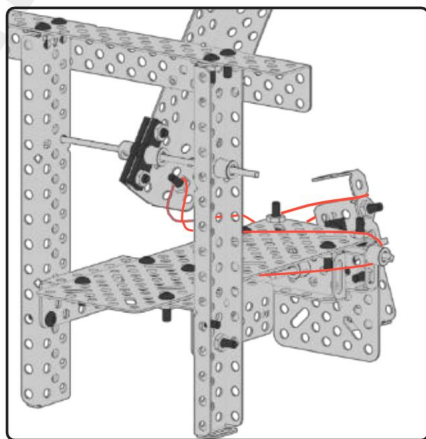
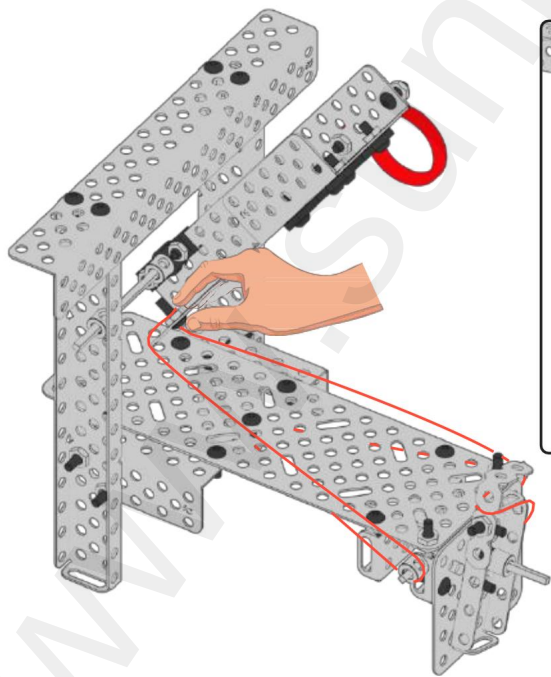
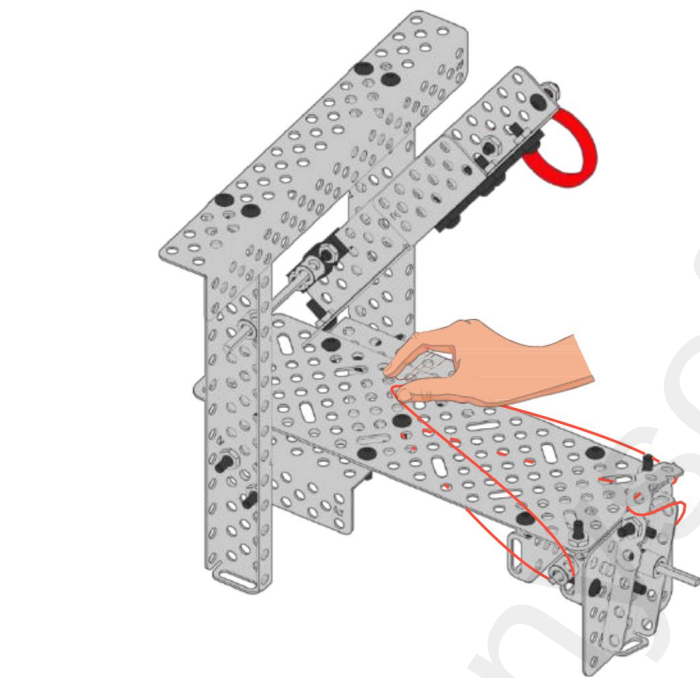
18

Bandă elastică mică



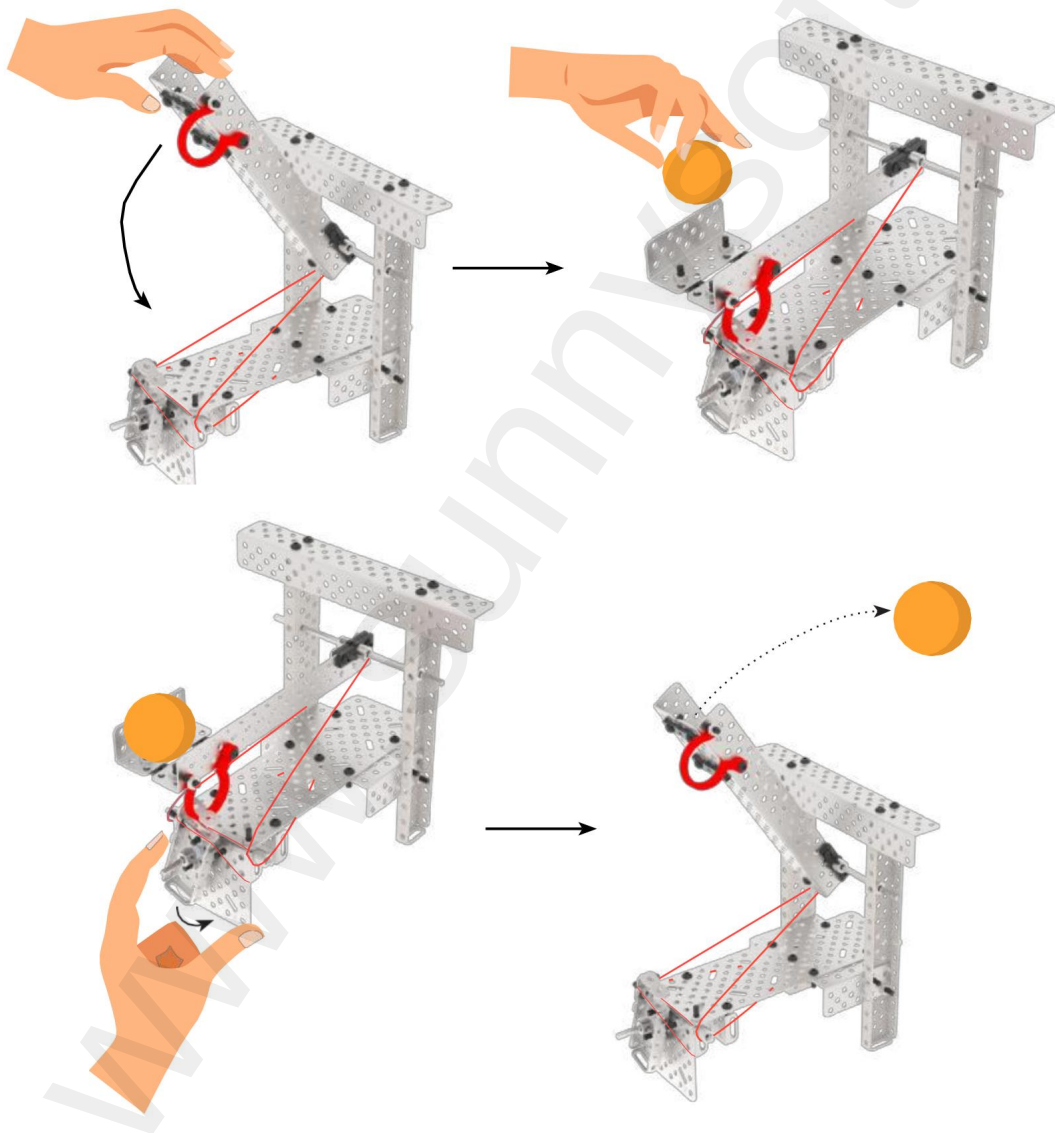




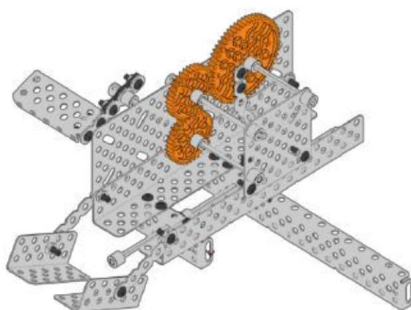


Cum să joci cu o catapultă

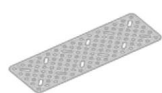
- Trageți brațul în jos
- Puneți încuietoarea.
- Așezați mingea.
- Eliberați încuietoarea.
 - Mingea merge înainte.



Proiectul 5: Ball Shooter



De ce vei avea nevoie?



7,5"
Placă
dreptunghiulară
x1



7,5"
Canalul L
x2



7,5"
grindă în U
x1



2,5"
Canalul L
x2



2,5"
Flexi
x5



2,5"
grindă în U
x2



Umpluturi x3



Blocare
corectii
x16



Conectori cu
3 gauri x3



axă de 5,5".
x2



3,5"
axa x2



2,5"
Canal L x1



Șuruburi de 12
mm x22



Nuci
x22



Cauciuc mic
bandă
x1

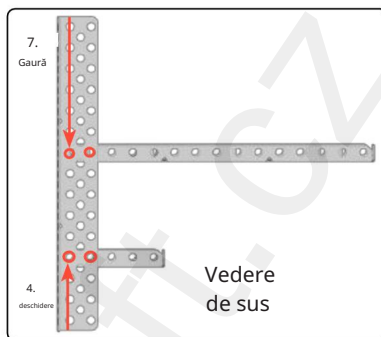
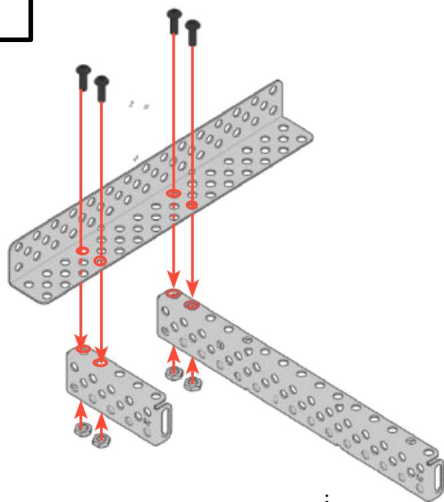


Frontal mare
roata dintata x1

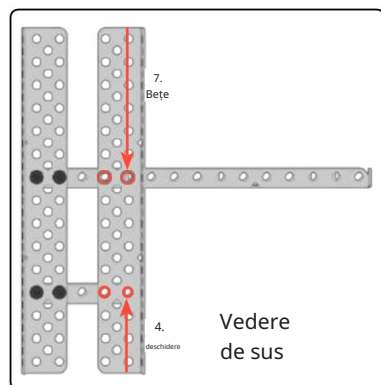
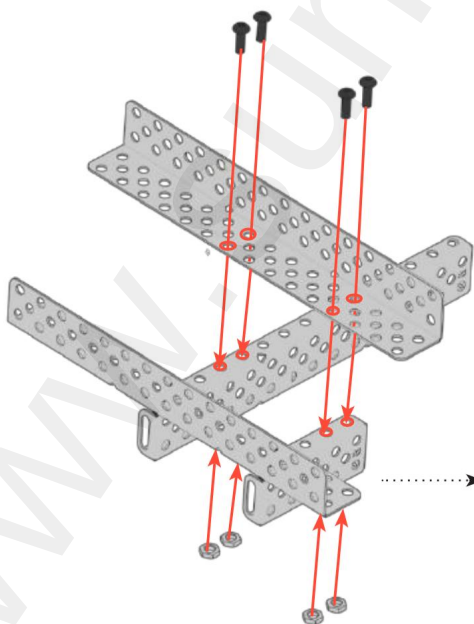


Frontal mijlociu
roata din ată
x2

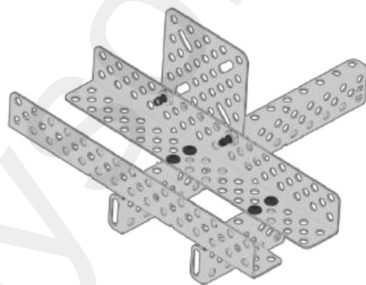
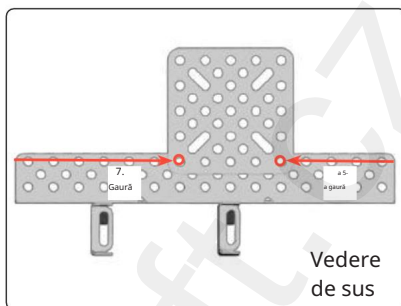
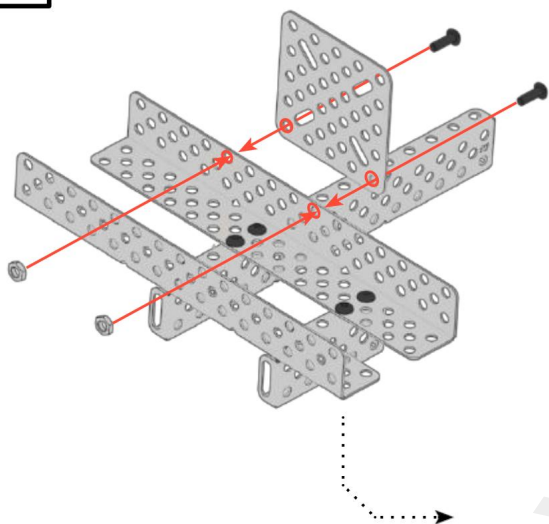
1



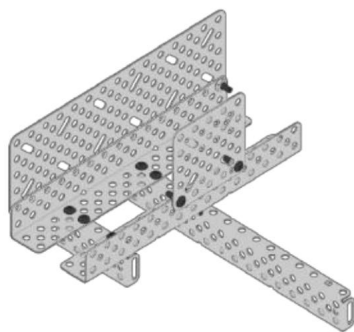
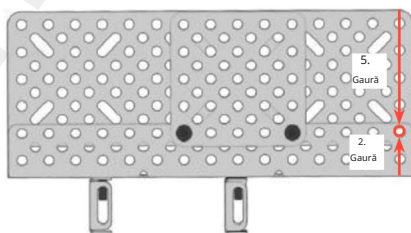
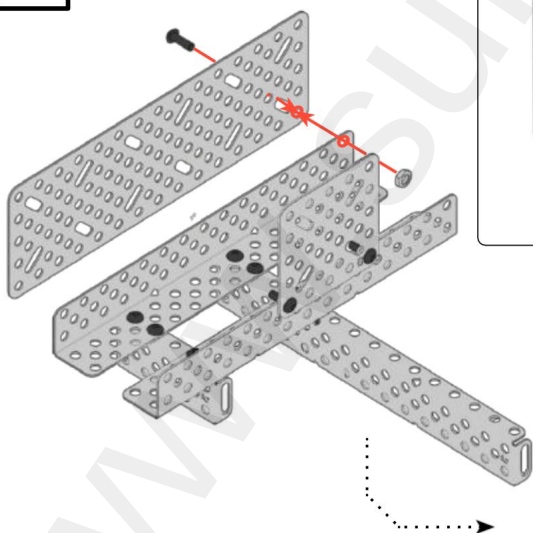
2



3

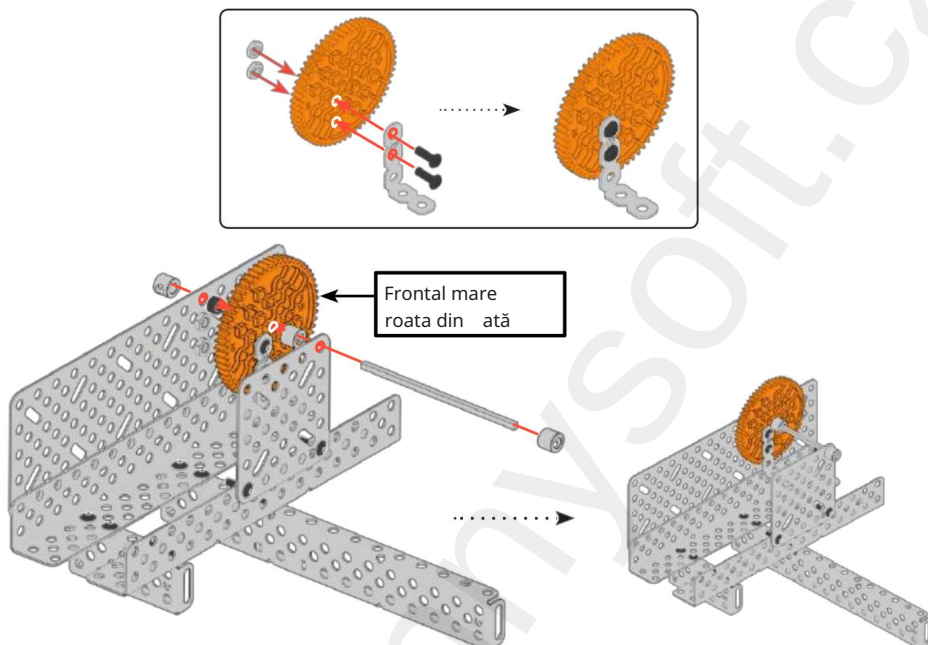


4



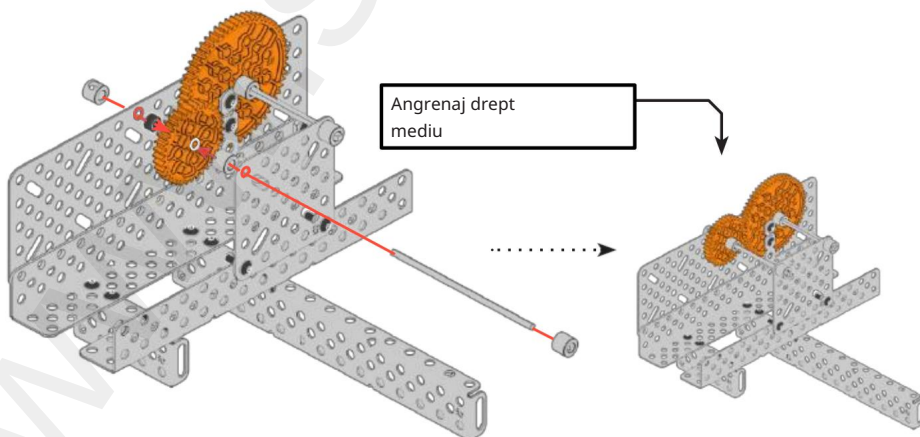
5

Remediu 1:1 3.5

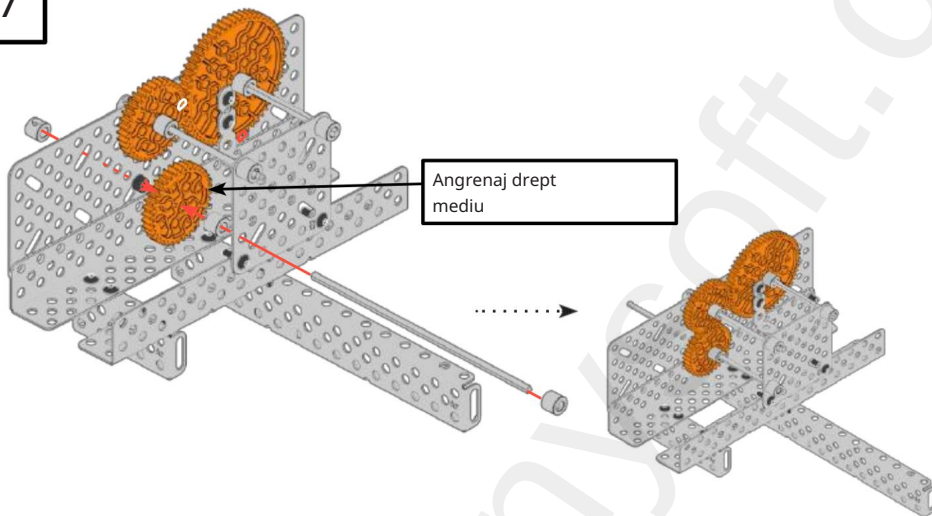


6

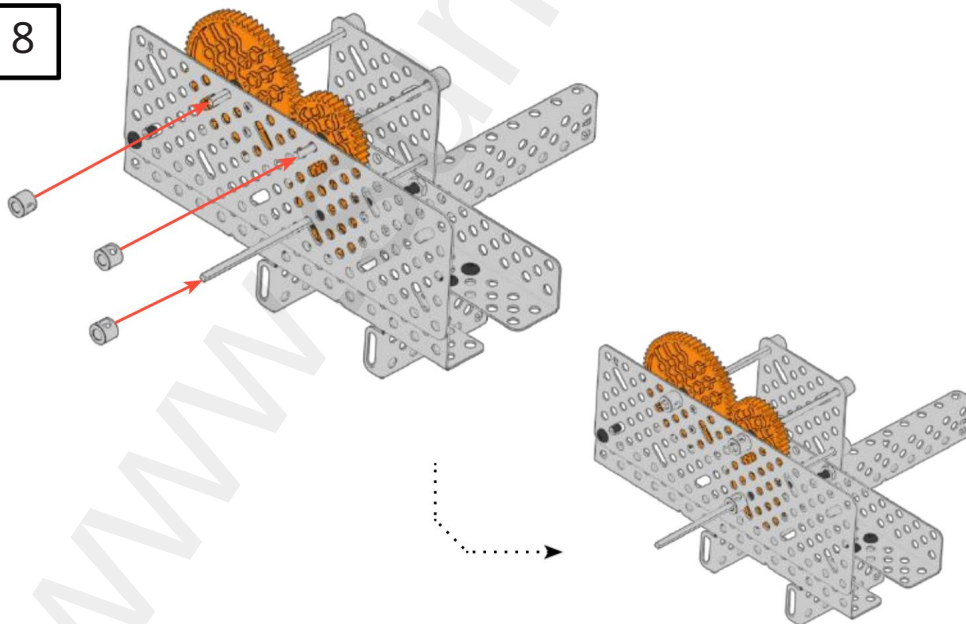
Remediu 1:1 3.5



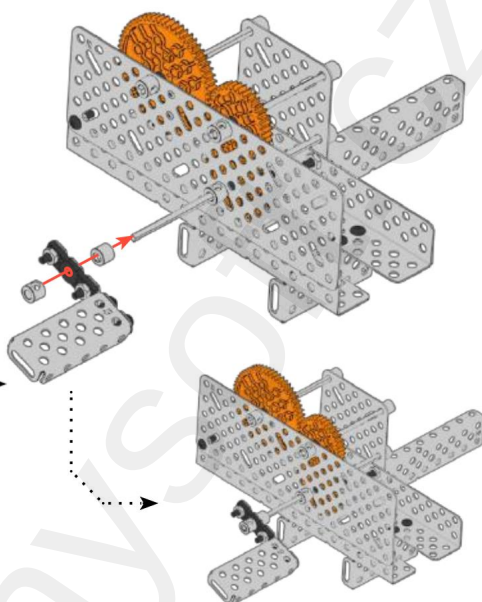
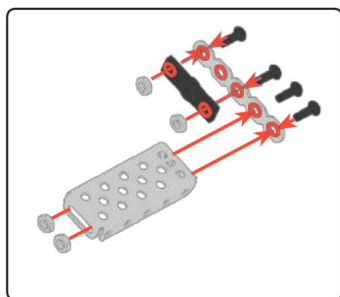
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8

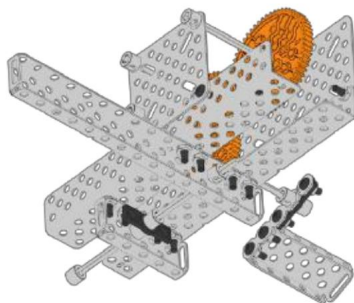
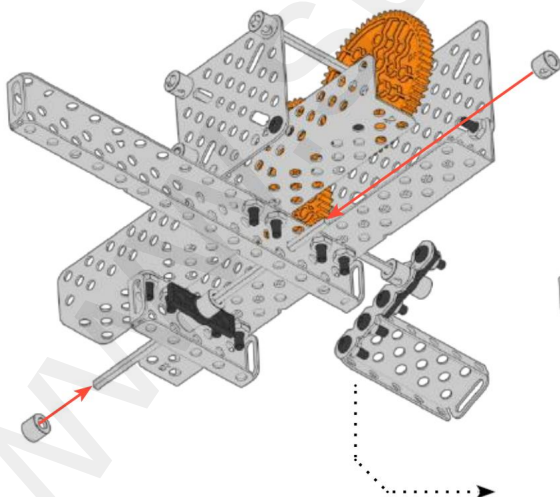


9

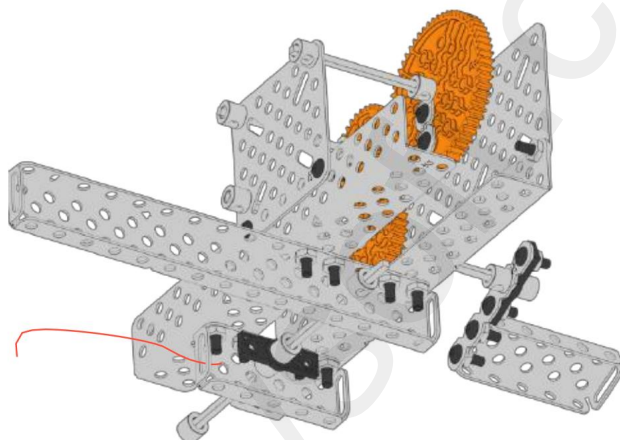
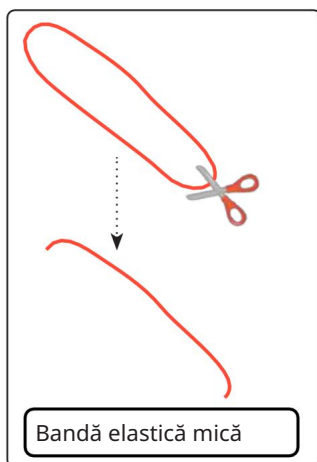


Remediu 1.1 5.5

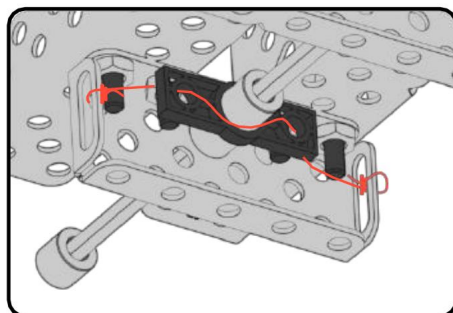
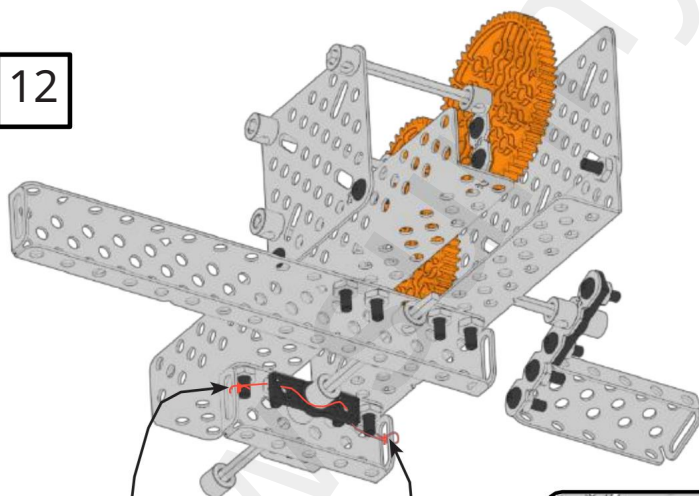
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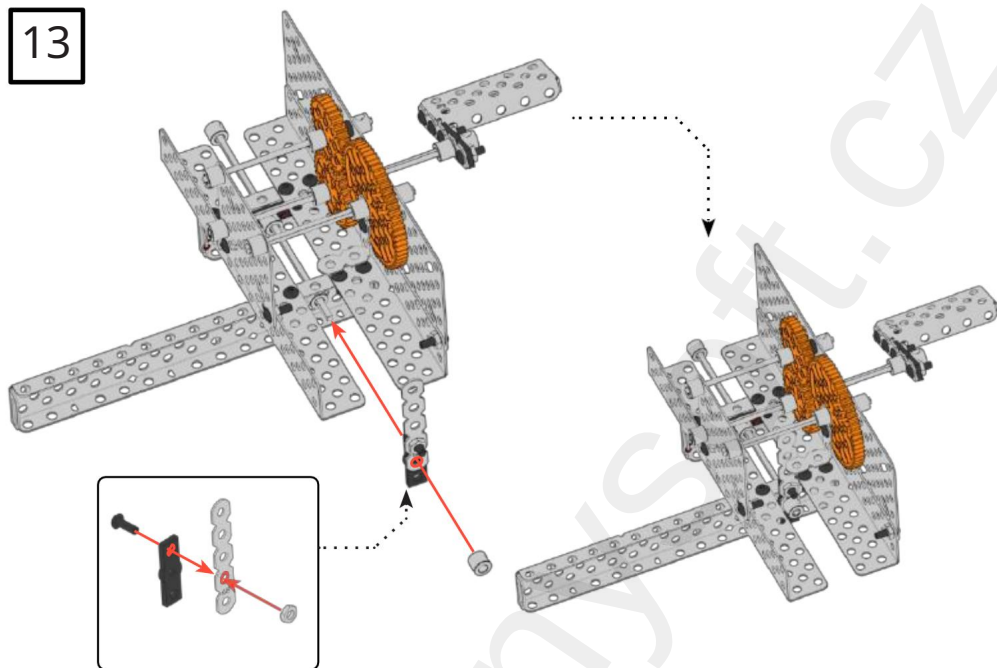
11



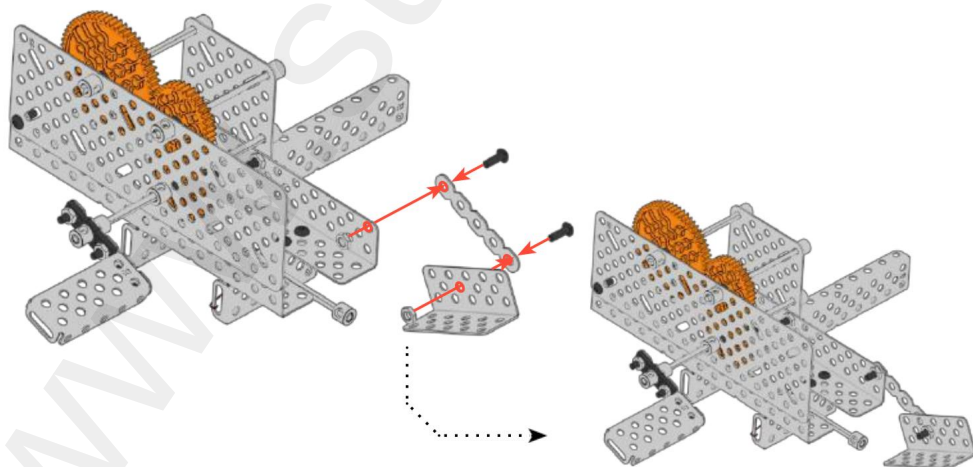
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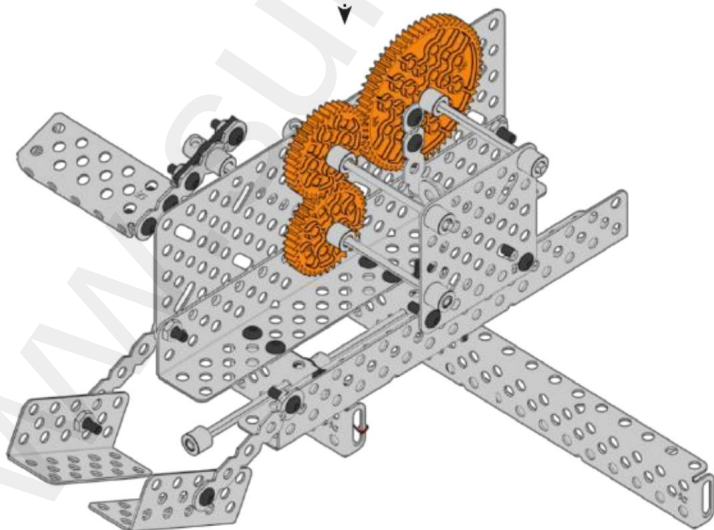
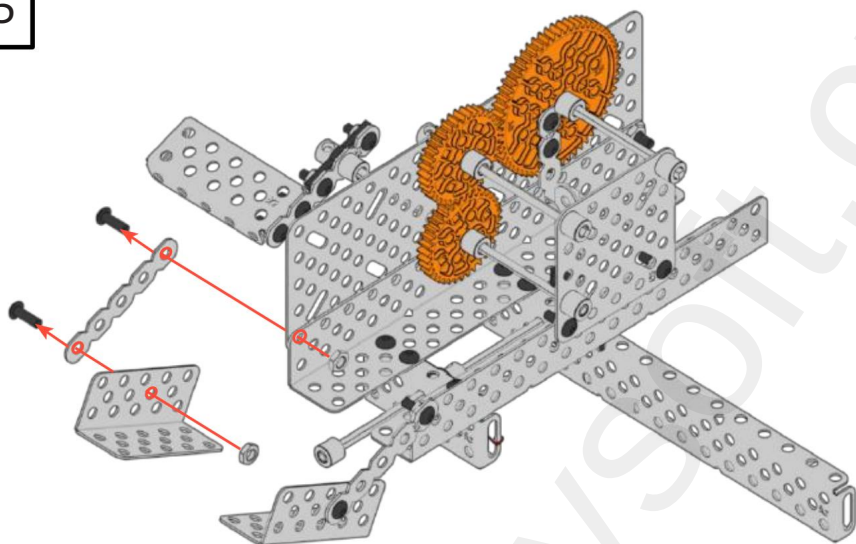


13



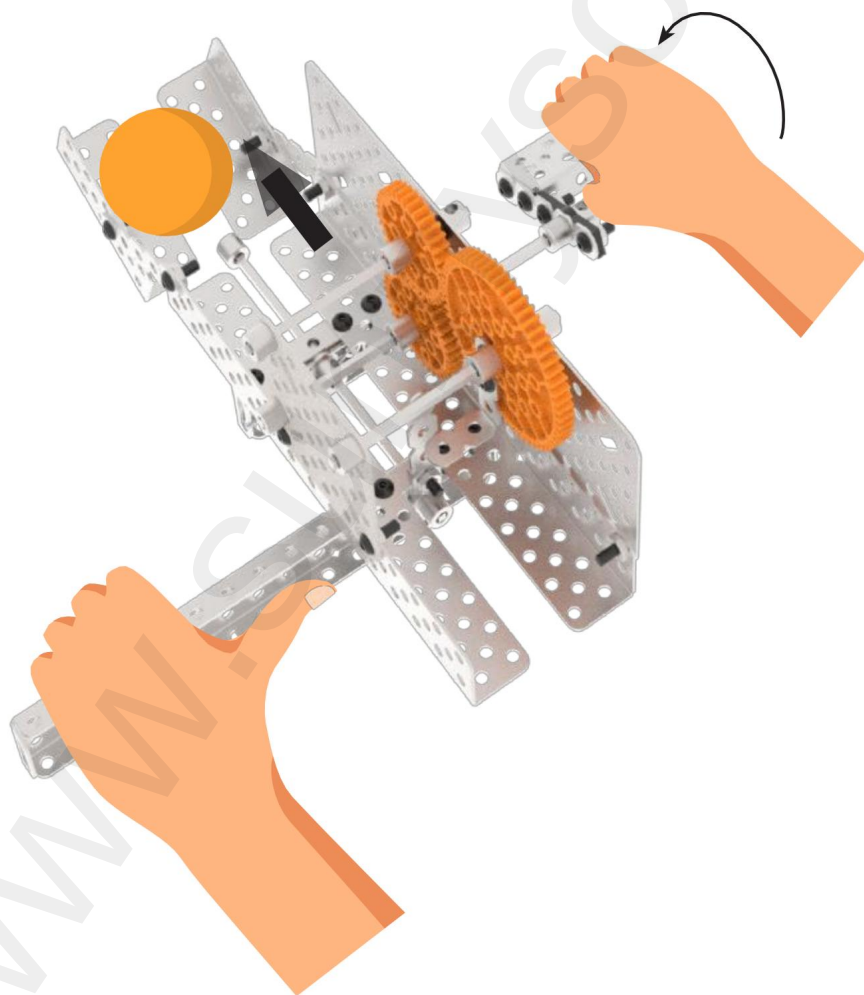
14





Cum să joci

- Pune mingea într-un recipient mic în formă de L.
- Rotiți maneta/mânerul. Axa va lovi mingea.



Ai probleme?

Suportul nostru tehnic vă este disponibil în aceste ore - de luni până sâmbătă: 9:00 - 20:00 duminică și a treia sâmbătă: 9:00 - 18:00



Probleme de software



Probleme de utilizare



Probleme hardware

Scanați codul QR pentru a contacta asistența.



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