

Sneak peak

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Make the Most Out of Your Kit

Innovate



Take the Innovator's Oath

Take the innovator's oath mentioned on page 5 and understand what it means to be an innovator.



Learn using Manual/Videos

Follow detailed instructions in the manual and learn how to build exciting robots with your kit.



Build, Code & Control

Build innovative projects using your kit, and control the Robots using Avishkaar Remote and Code using Avishkaar Maker Studio.

Share



Join Let's Avishkaar

Join our FB community connect with innovators and get latest updates on webinars.





Upload Projects

Upload projects on www. avishkaar.cc and share them with innovators globally.





Win

International Competitions

Participate in weekly, monthly and annual competitions and win glory globally.



Innovator's Oath

Take the Innovator's Oath below to pledge yourself to lifelong commitment towards Innovation and Problem Solving. Share a photo on the Let's Avishkaar FB Community.

I (write your name)

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.

Your Signature



Welcome to Avishkaar

Download the Avishkaar App

Download the Avishkaar App by scanning the QR codes below:









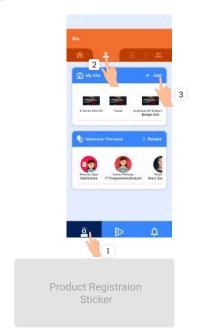
1 Create an Account

Open the app and follow the on-screen steps to make an account.



2 Register your Kit

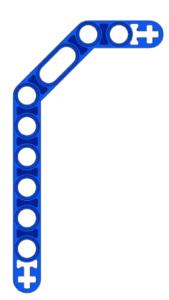
Go to the 'Profile' section in the app and click on '+ Add More' in the 'My Kits' section to register your kit. This step is important to control your robot later.



Armour Check

Box 1 (Construction parts)

BEAM Note: 'H' stands for holes. Eq. 15H beam means beam with 15 holes. 7H Beam 9H Beam 5H Beam 3H Beam x 2 x 2 x 4 x 2 2Cx1H 1Cx1H Beam 3Cx2H Thin-D Thin-Beam x 4 x 2 x 2 2C x7H Single Bend x 2



2Cx10H Double Bend Beam x 4

FILLERS



Axle Filler- Big x 4



Axle Filler- Small x6

WINGS



Wing x 3

GEAR



Spur Gear-24T x 2



20T Double Bevel gear x 2

WHEEL



Small Wheel x 4

PINS



Long Pin-Blue x 2



Medium Pin-Black x15



Medium Axle Pin-Blue x 6

CONNECTORS



3Hx4 Pin Connector x 2



Triple Axle Connector x 1



Axle Triple Pin Perpendicular Connector x 2

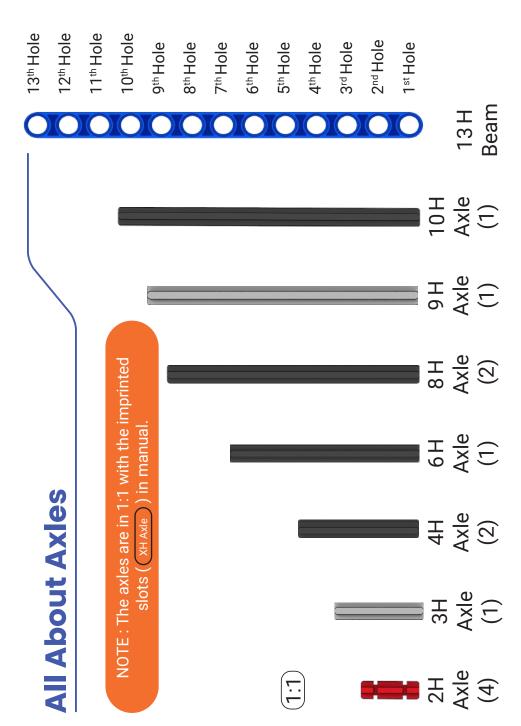


1C x 1H Perpendicular Connector x 1

Rubber Band

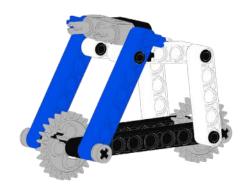


Rubber band x 3



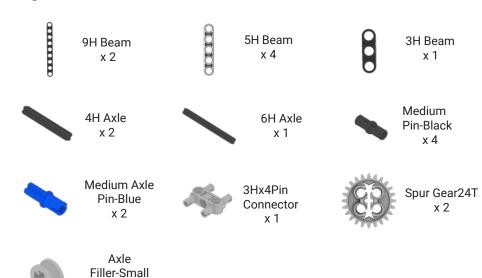
Project 1: MEX Mountain Bike(MTB)

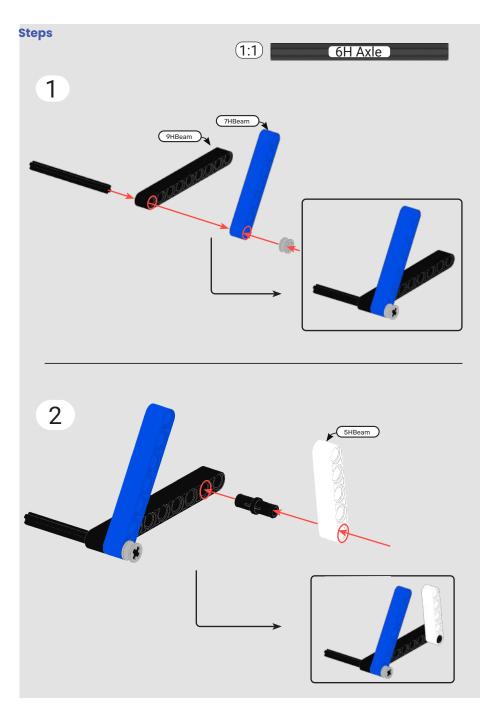
Let's Build!

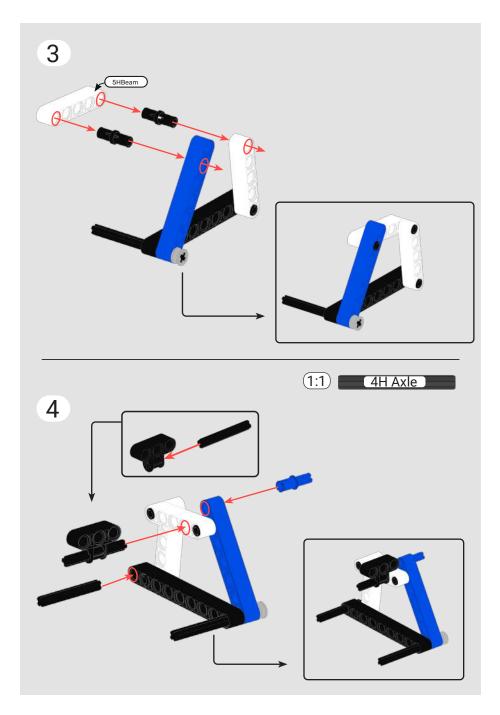


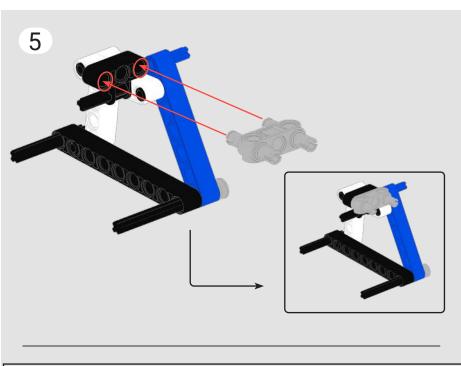
Things we need

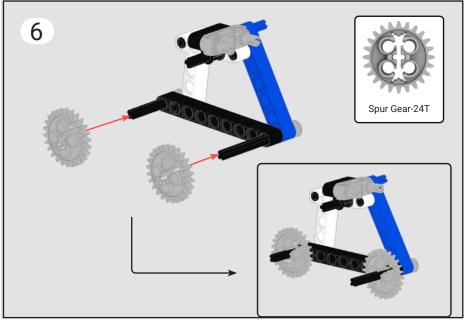
x 5

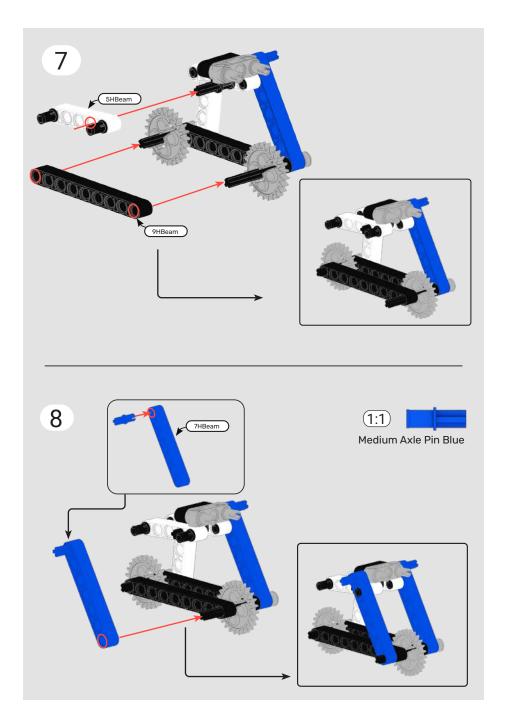


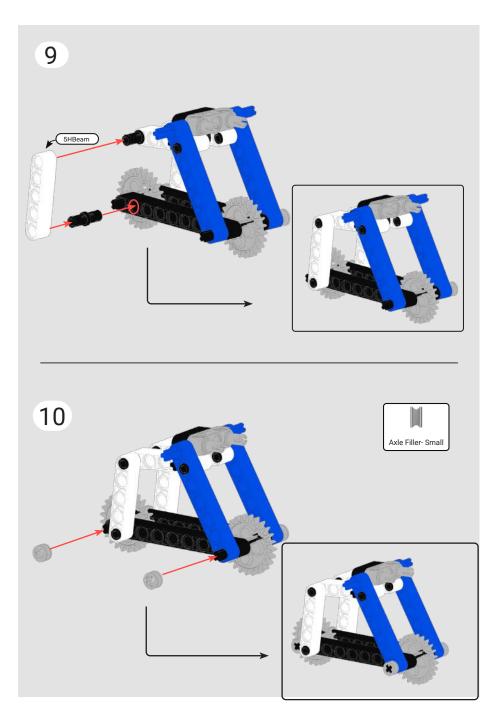


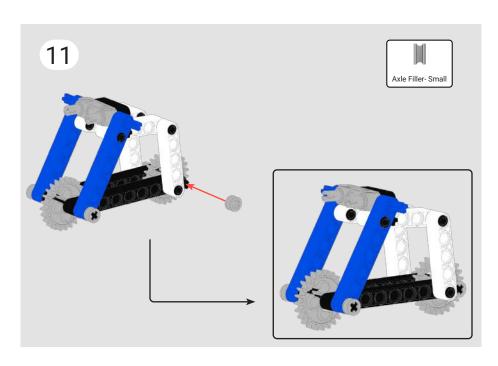






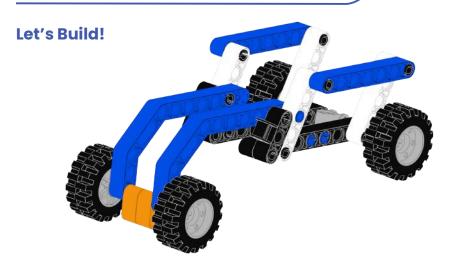




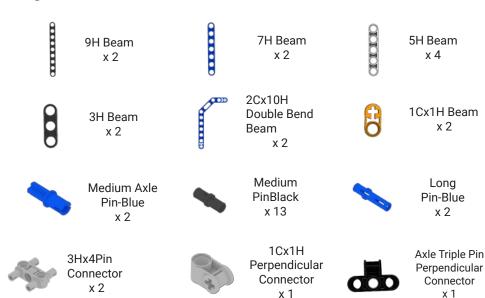


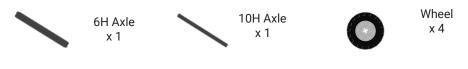


Project 2: MEX Retro Car

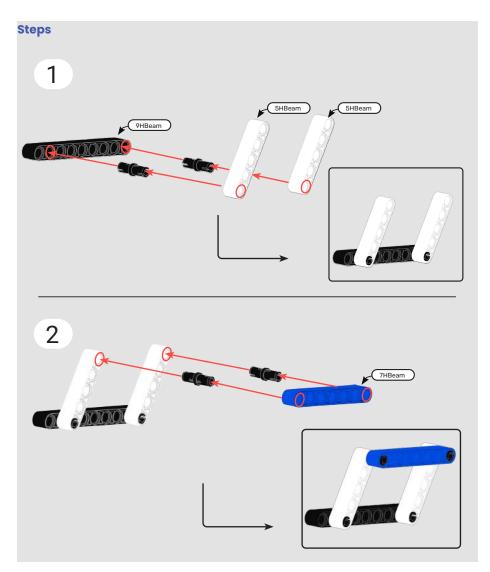


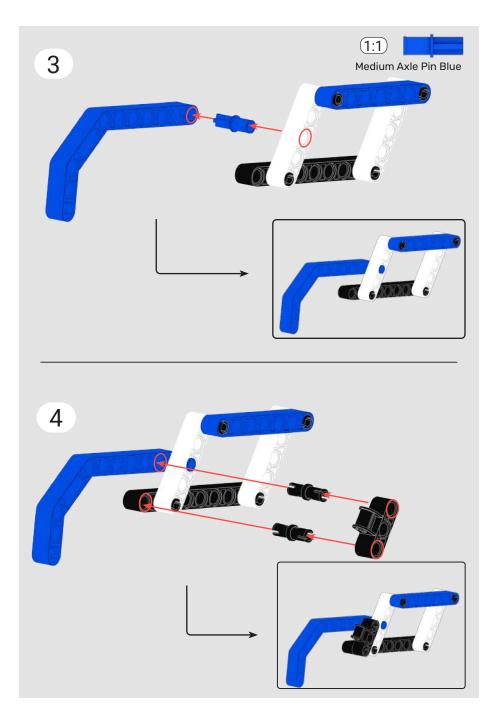
Things we need

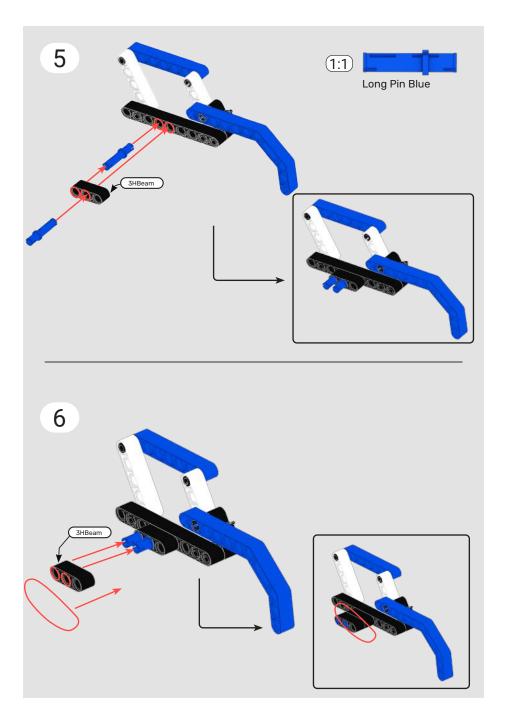


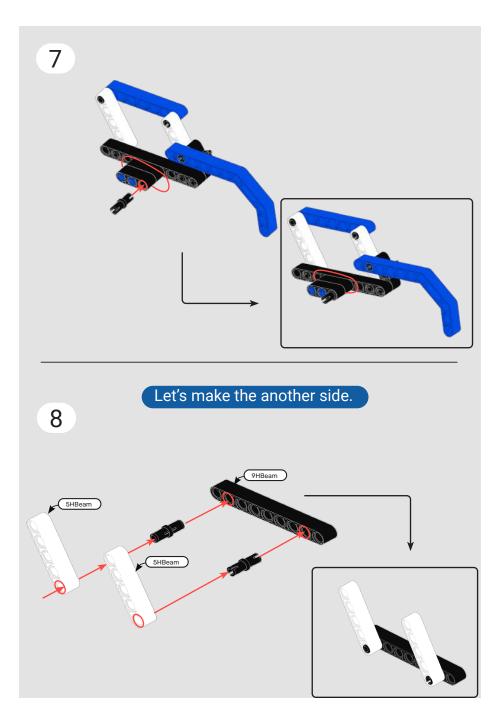


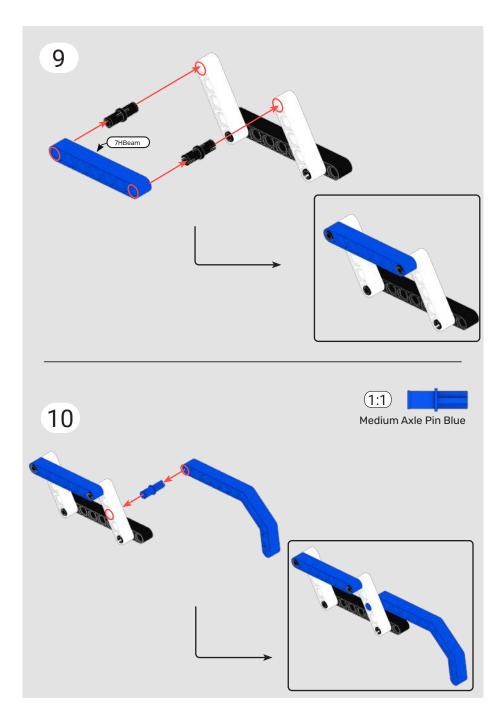


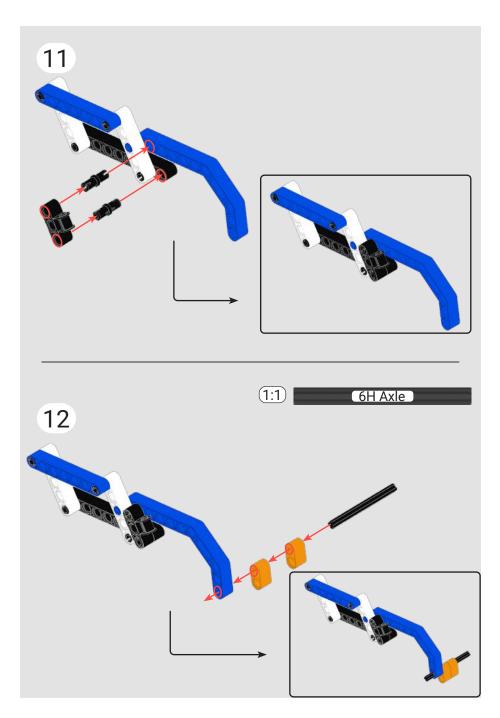


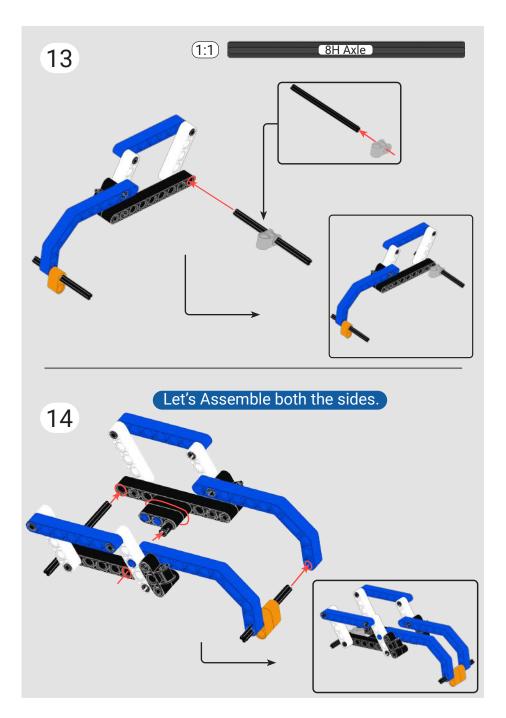


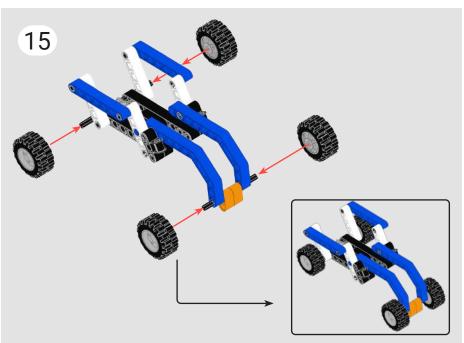


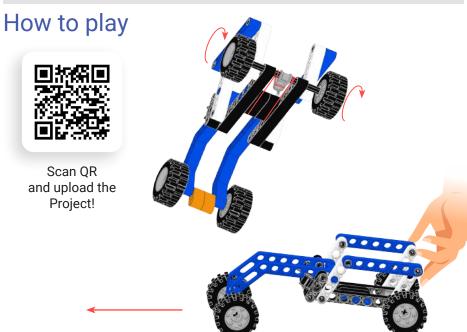






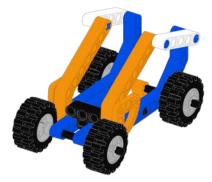






Project 3: MEX Buggy

Let's Build!



Things we need



7H Beam x 2



5H Beam x 2



2Cx10H Double Bend Beam x 2



2Cx7H Single Bend Beam x 2



3Cx2H Thin-D x 2



1Cx1H Beam x 2



Medium Axle Pin-Blue x 4



Medium Pin-Black x 4



6H Axle x 1



8H Axle x 1



10H Axle x 1



Axle Filler-Big x 4



Axle Filler-Small x 2



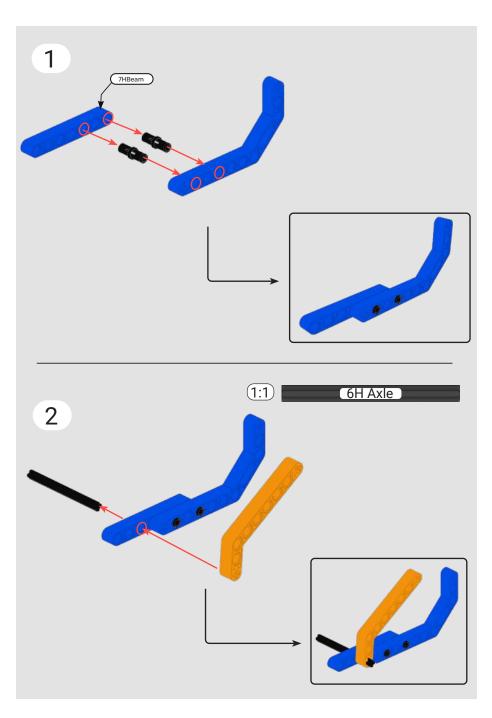
Axle Triple Pin Perpendicular Connector x 1

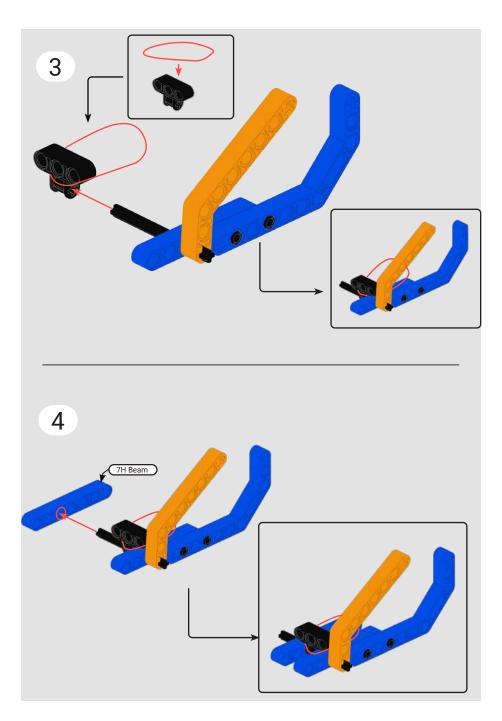


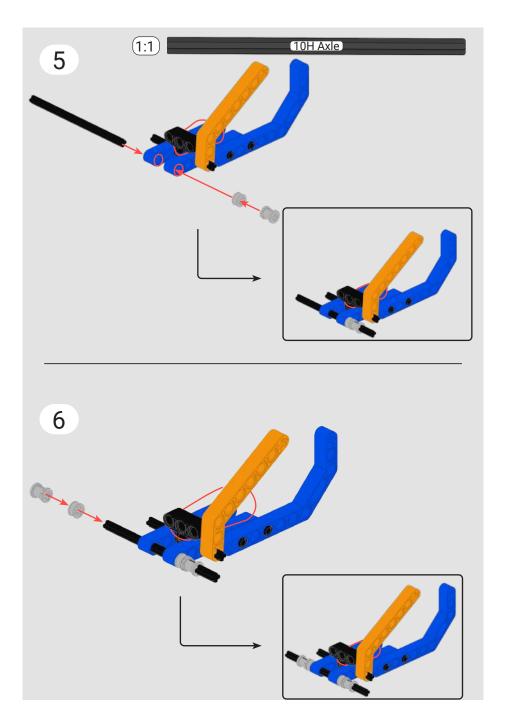
Wheel x 4

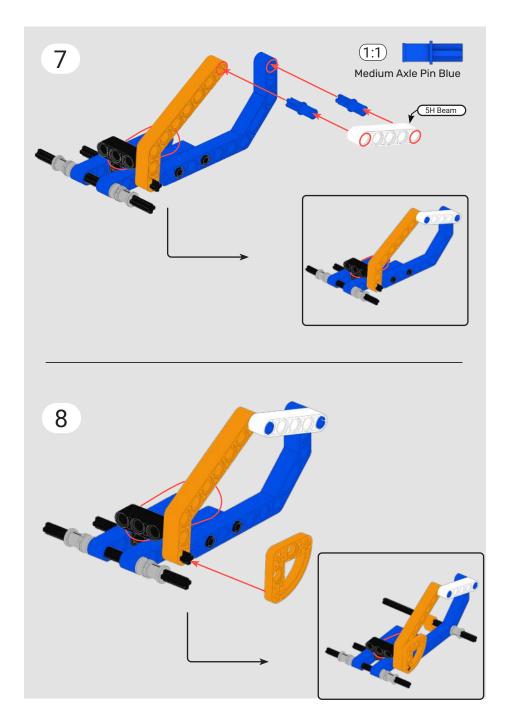


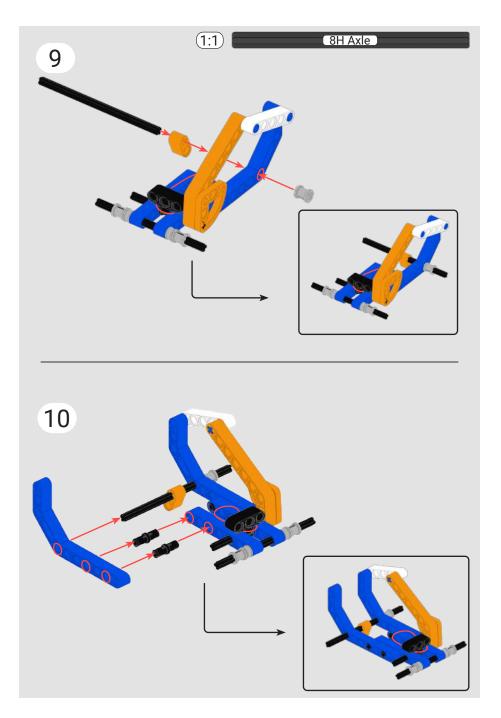
Rubber band x 1

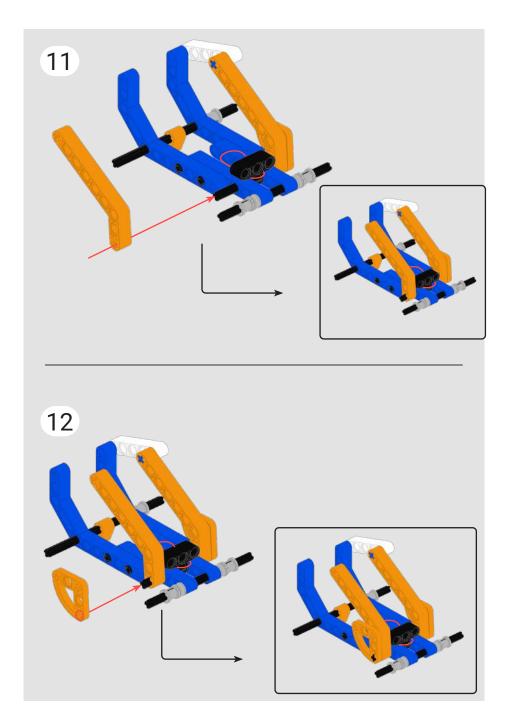


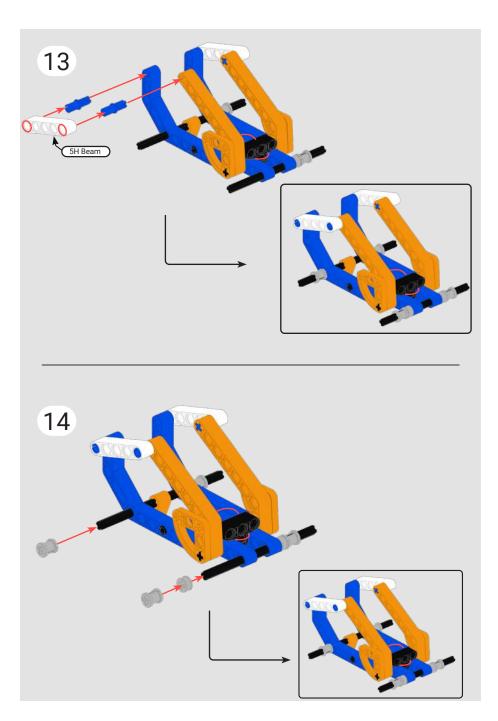


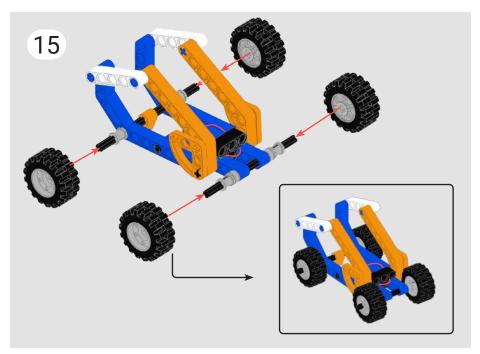




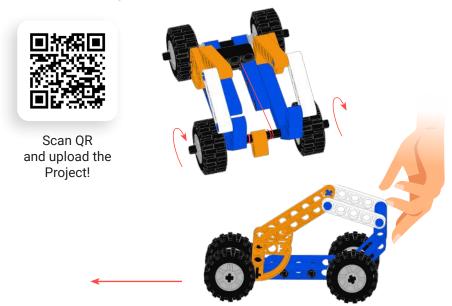






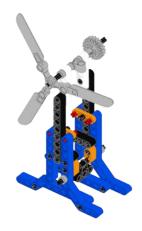


How to play

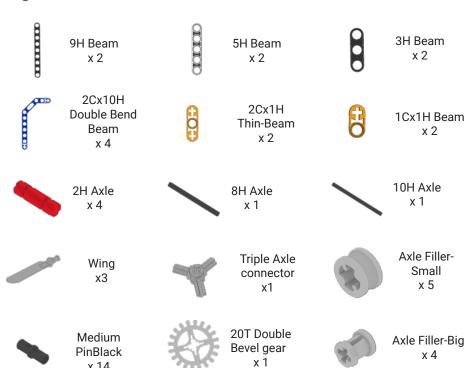


Project 4: MEX Windmil

Let's Build!



Things we need



x 14



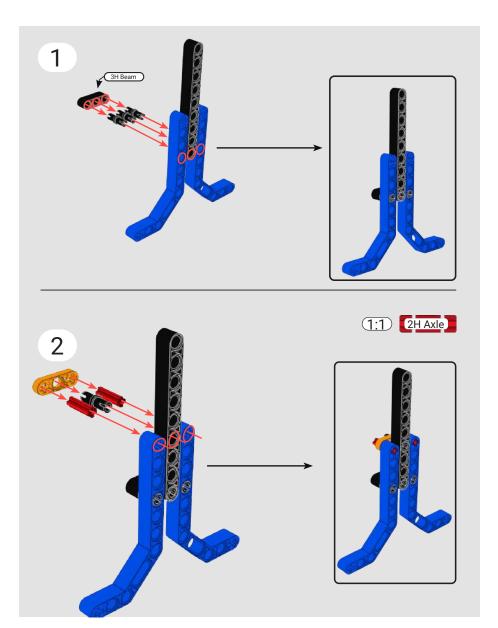
Axle Triple Pin Perpendicular Connector x 1

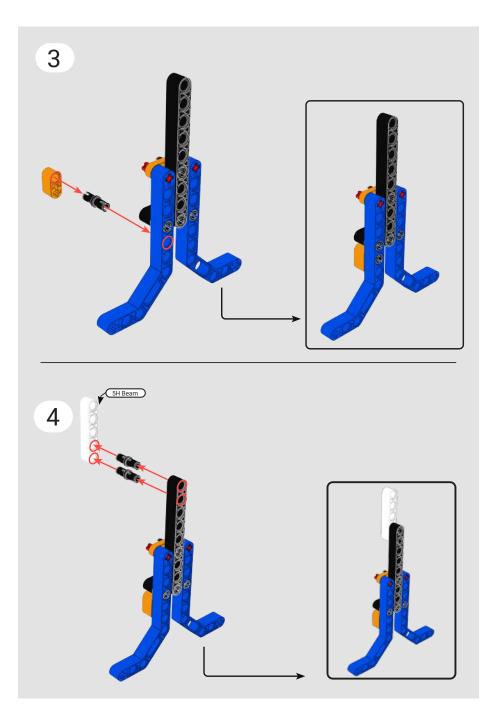


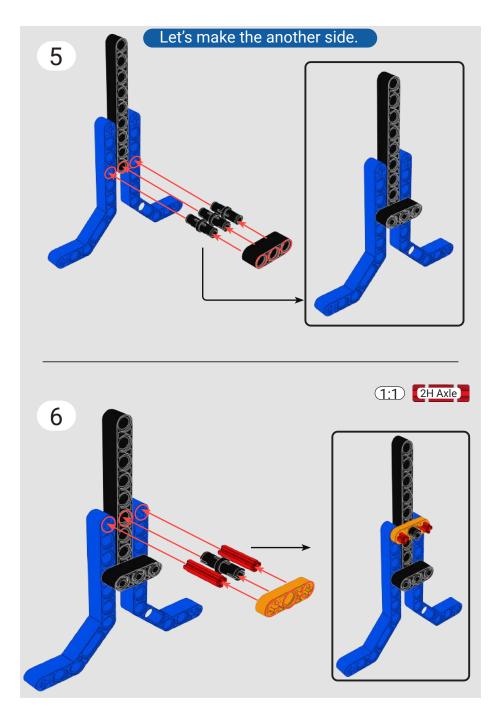
1Cx1H Perpendicular Connector x 1

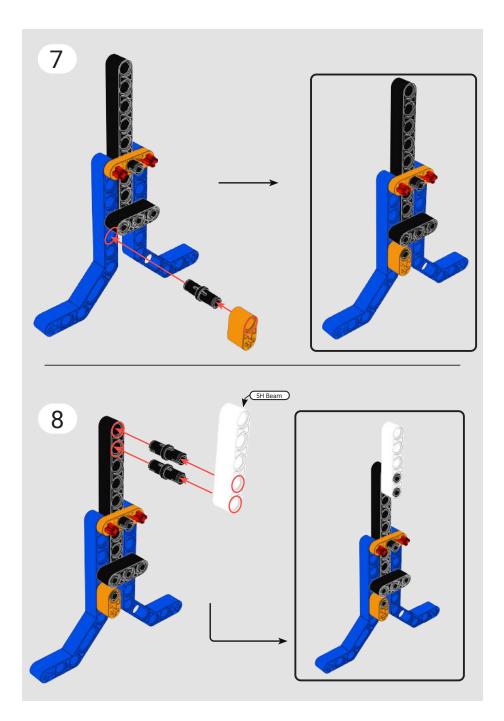


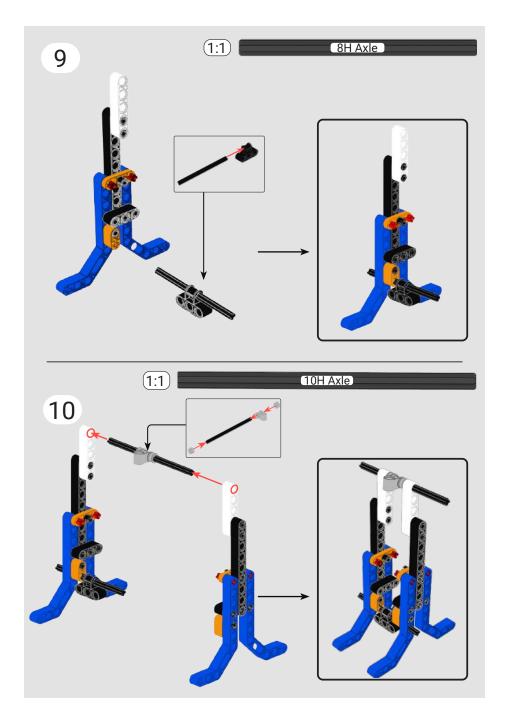
Rubber band x 1

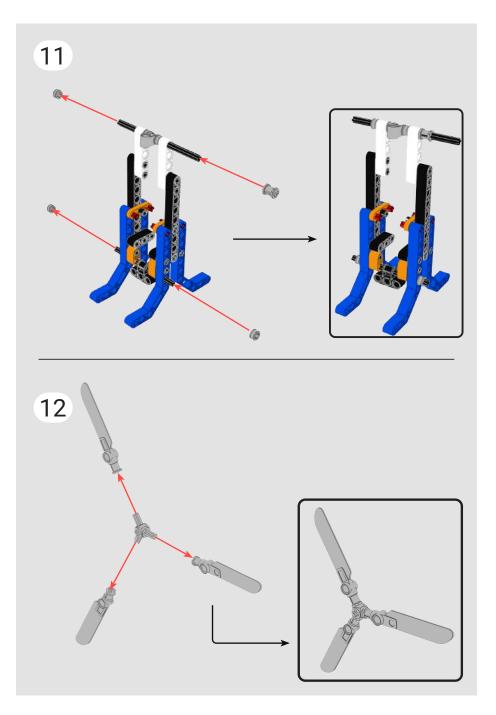


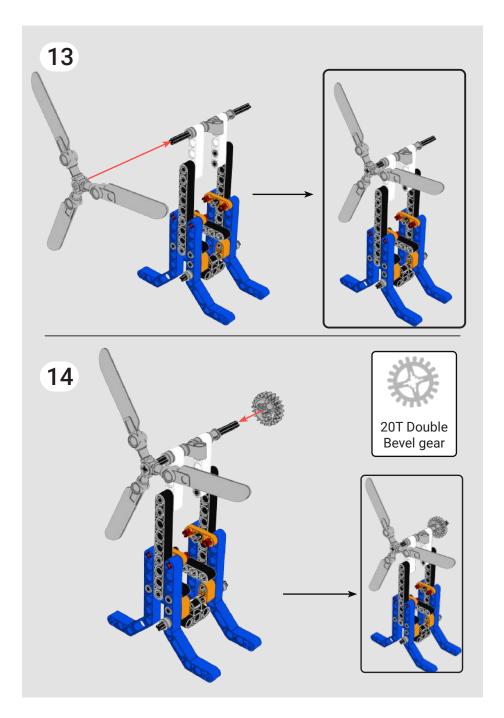




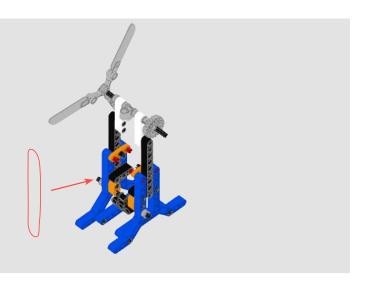








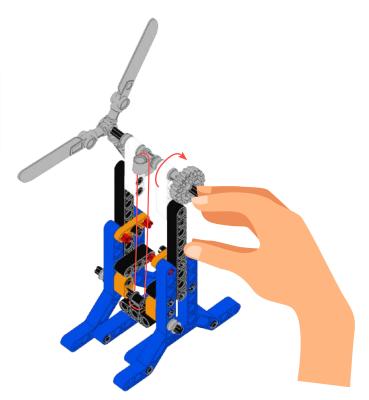
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How to play

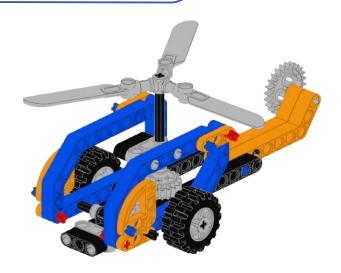


Scan QR and upload the Project!

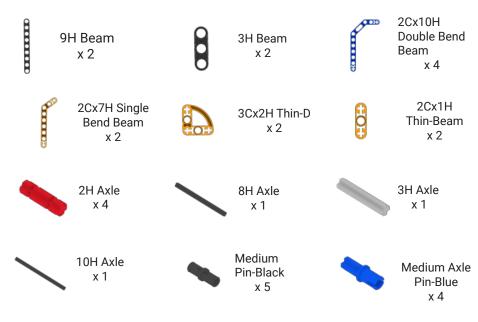


Project 5: MEX Copter

Let's Build!



Things we need





3Hx4Pin Connector x 2



Axle Filler- Small x 5



Axle Filler-Big x 4



Wing x3



Triple Axle connector x1



Axle Triple Pin Perpendicular Connector x 1



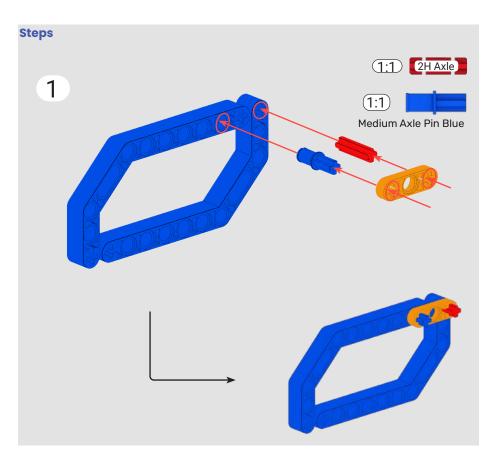
20T Double Bevel gear x 2

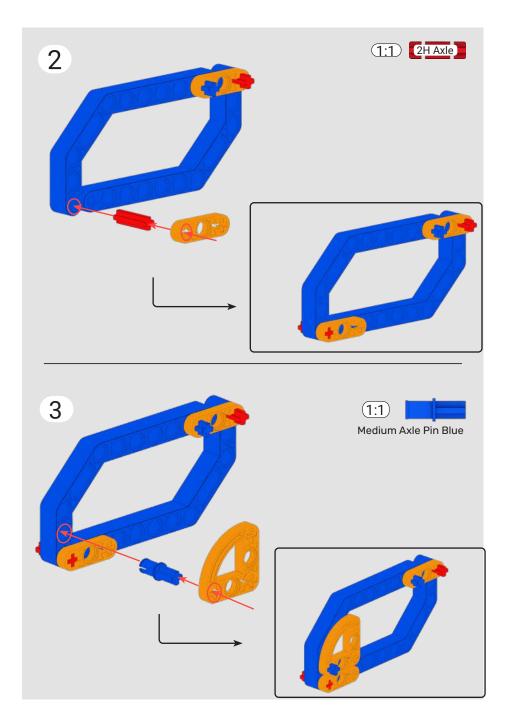


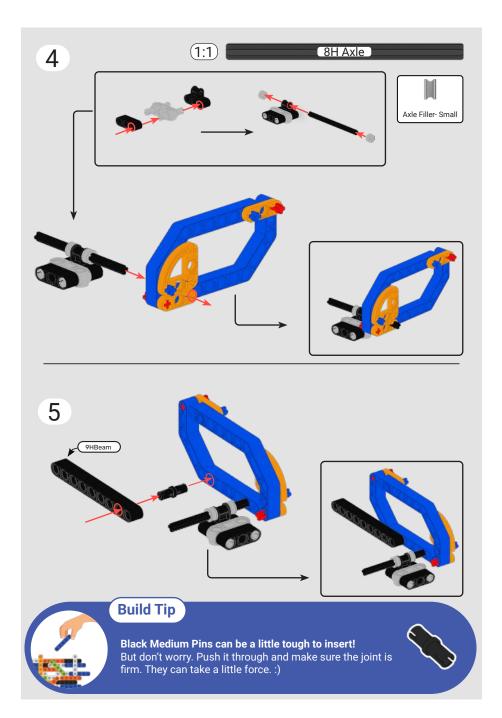
Spur Gear24T x 1

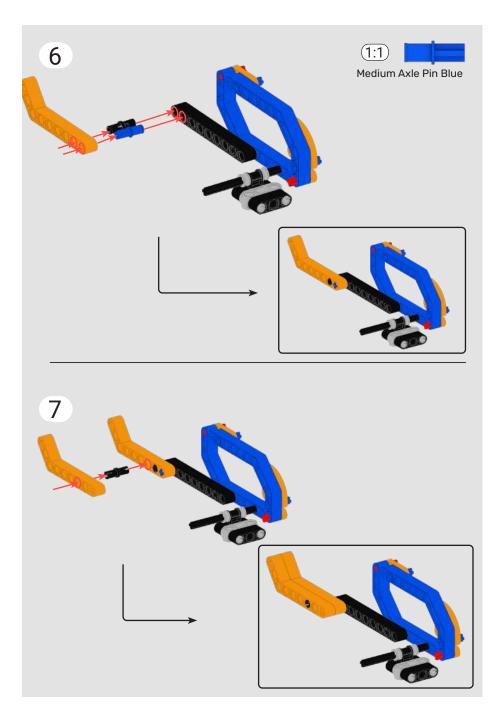


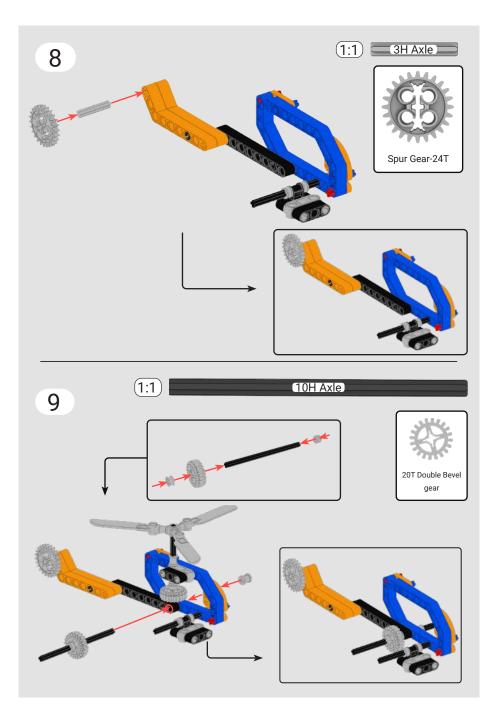
Wheel x 4

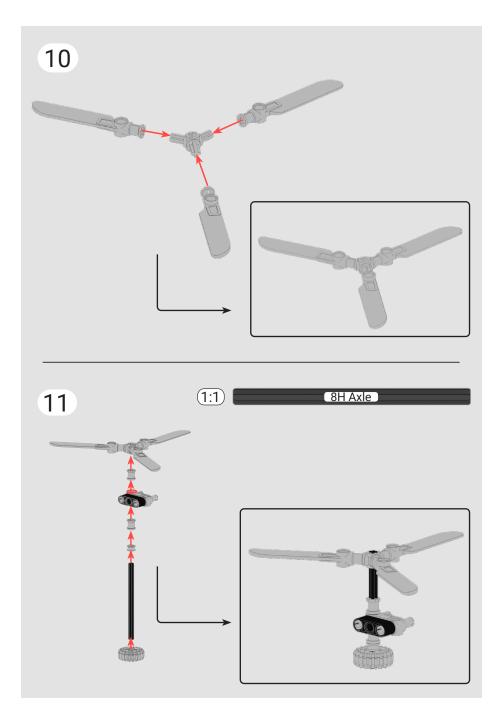


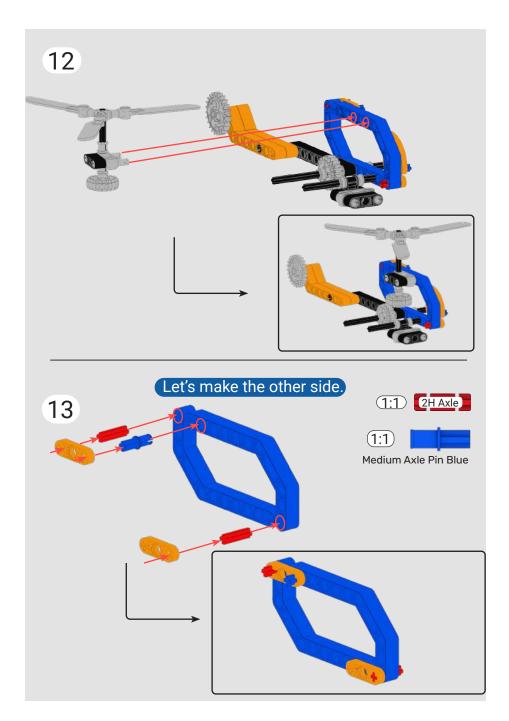


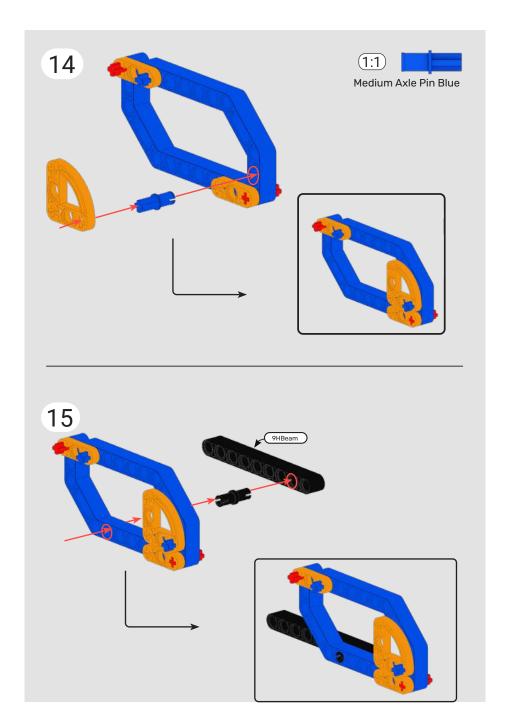


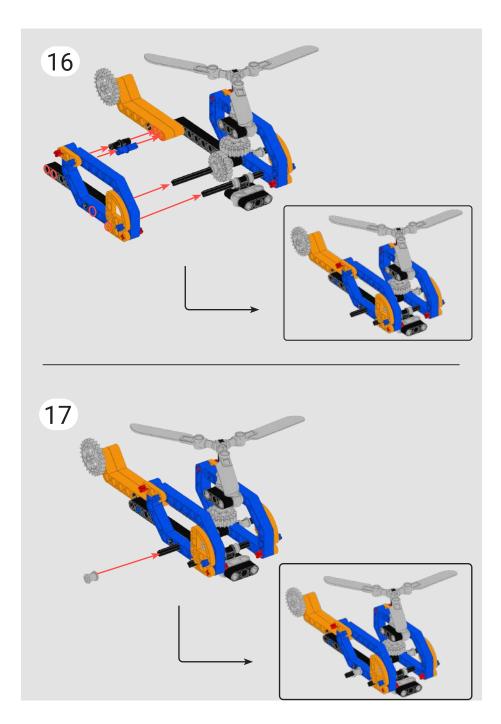


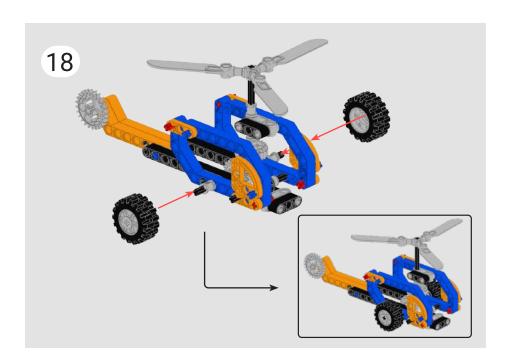












How to play



For 5 more Projects!

Scan the QR code and unlock five more projects.













Robotify Your Bots!

Want to add motors and LEDs to your MREK Projects and play with it using an app?

Buy the MEX electronic pack and upgrade your kit!





Scan to Buy Now!



Write us your feedback!

Your feedback is the heartbeat of our growth, and we'd love to showcase your experience to the world.

Simply jot down your thoughts on this page, snap a pic, tag us and share it on your stories!

#ShareYourExperience #AvishkaarAdventures









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