



Hello Wanderer

Go-kart

Discover the Joy's of a
Mechanical Friend

Batteries

NOT
included



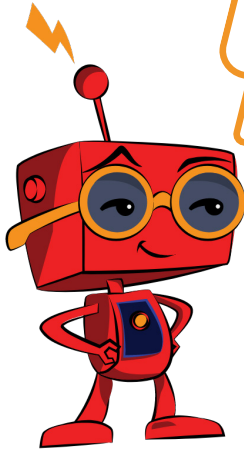
level



Wanderer

the wooden mechanical

Go-Kart



Hi there!
I'm Mr Sparkz
Let me introduce
you to my huge
friend Wanderer!

Hey there, little creator!

Hello there, young adventurer! I'm Wanderer, the Wooden Go-Kart, ready to take you on an exciting ride filled with fun and imagination!

Imagine being in control of your very own vehicle, just like a real race car driver! We'll explore new places, go on thrilling adventures, and create endless stories along the way.



Whether we're racing against friends or simply cruising around, I promise to bring smiles and laughter to your day. With your imagination and my wheels, there's no limit to the excitement we can have!

So, my little speedster, hop on board and let's embark on countless thrilling journeys together. Get ready to experience the joy of being a true wanderer with Wanderer, the Wooden Go-Kart! Let the fun begin!

Let's see what we need and how to prepare:



How to get prepare:

- Before you start, you need to find a safe and clean place to work.
- If you have any questions or need help, you can ask your parents, a grownup or teacher and they will assist you.

Have fun!



Some things to keep in mind:

- *Be careful:* When you open the package with the parts, be careful not to drop or lose any small parts. They are very important for your model. If you lose a piece, your model might not work!
- *Read and follow:* If you want to make your model easily, you need to read the instructions well and follow the steps.

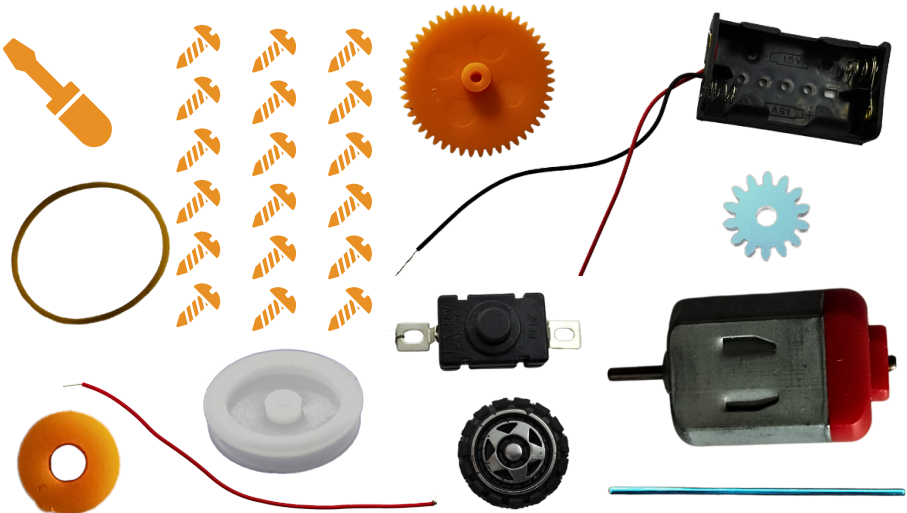


Remember to get 2 x AA batteries for Wanderer!



What is in the BOX

- 7 different pieces of board
- 4 wheels
- 1 battery box
- 1 orange gear
- 2 shafts
- 3 orange fixing rings.
- 1 switch
- 1 small gear
- 1 motor
- 2 white pulleys
- 1 rubber band
- 1 wire
- 4 4mm screws
- 15 7mm screws

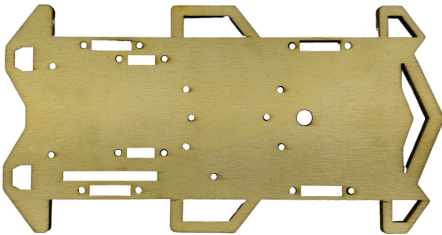




x 1 — ①



x 1 — ②



x 1 — ③



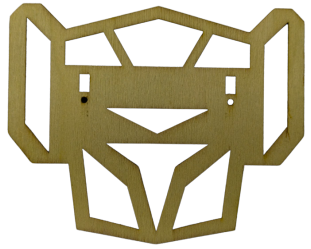
x 2 — ④



x 2 — ⑤



x 1 — ⑥



⑦ — 1 x

Step 1



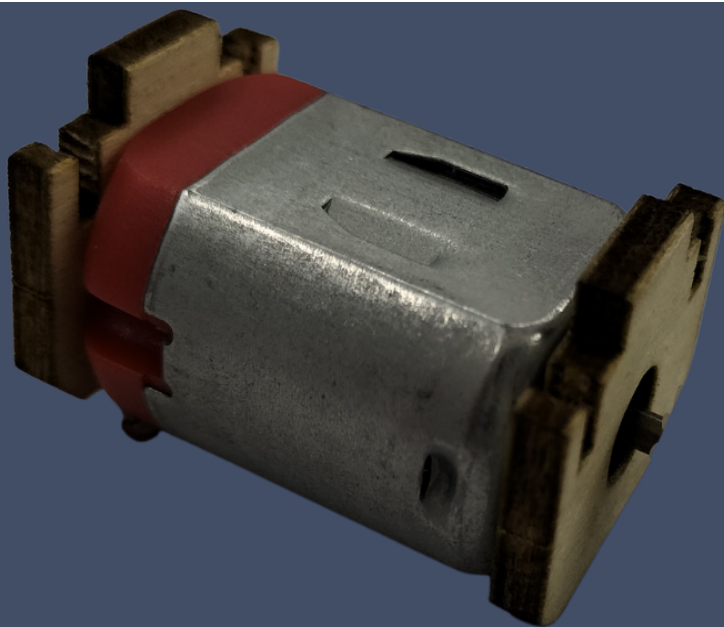
1



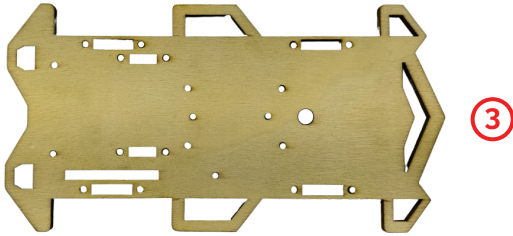
2



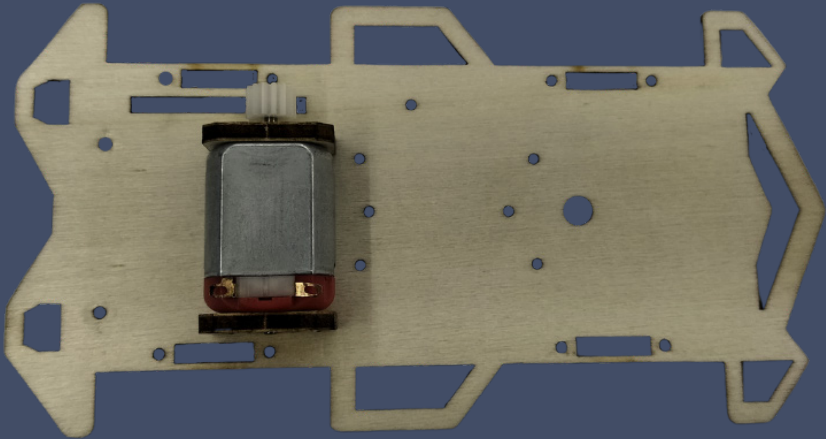
Now, look at the motor. We're going to attach board 1 and 2, making sure they match the motor's front and rear shape. Then, slide the white gear onto the motor shaft. Make sure it's sitting snugly.



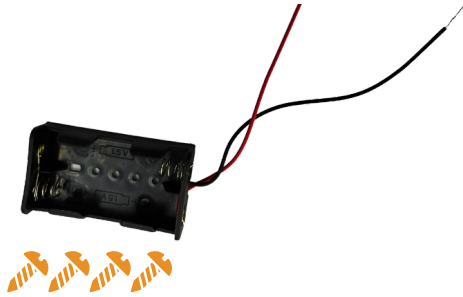
Step 2



Lay board 3 flat with the gear groove pointing in the right direction. Now, attach the motor to the board.

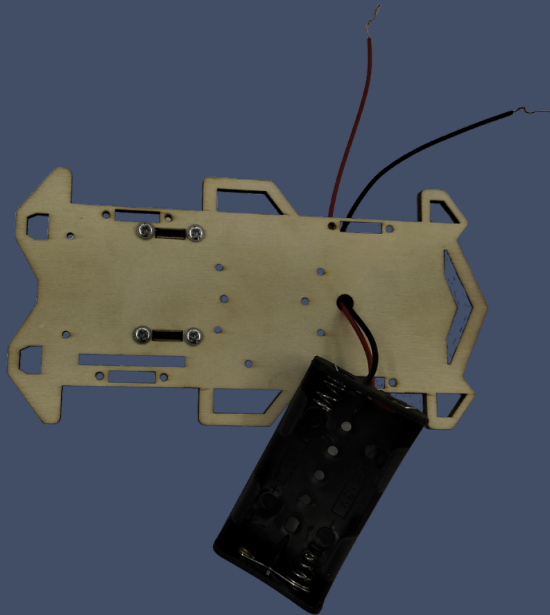


Step 3



Flip board 3 over and secure the motor clip with 7mm screws.

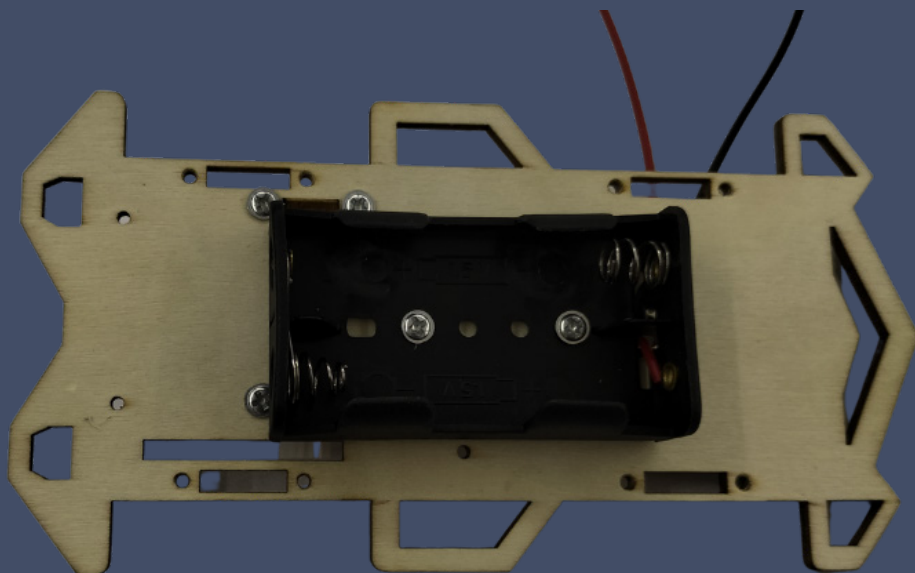
Thread the battery box's output line through the 3mm round hole in board 3.



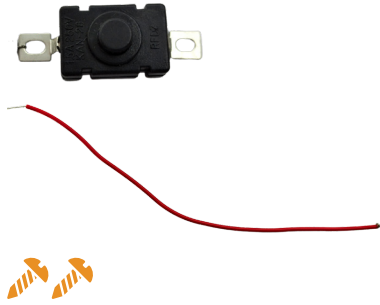
Step 4



Using 4mm screws, attach the battery box to board 3.



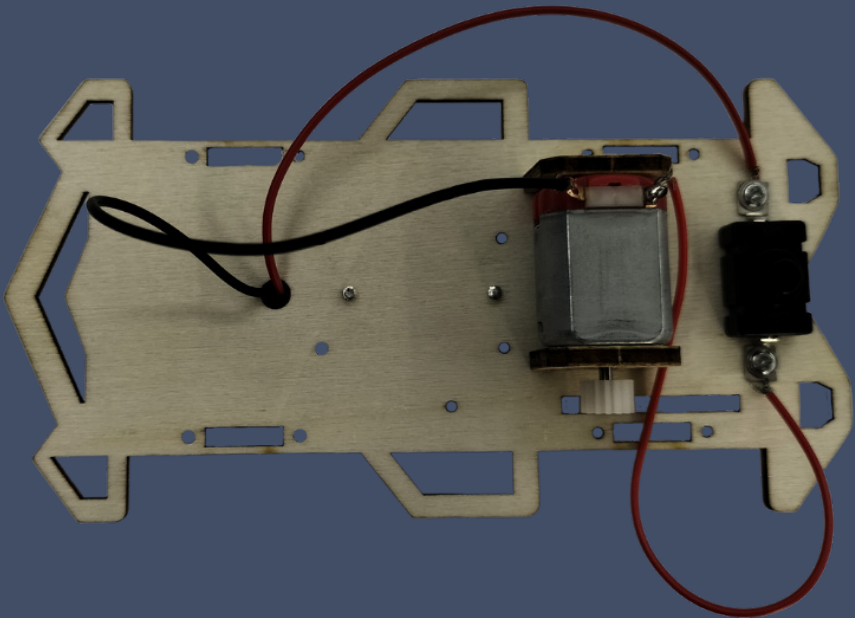
Step 5



Here comes the wiring part!
Connect the black wire from the battery box to the copper plate on the right side of the motor.

Connect the red wire from the battery box to the switch, and then connect the other end of the switch to the motor using a red wire.

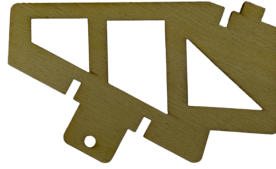
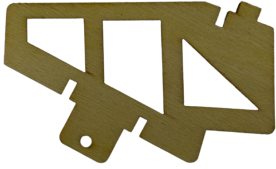
When connecting wires, twist the wire core into a spiral shape and pass it through the small hole in the motor wire copper piece, twisting it 3-4 times.



Step 6

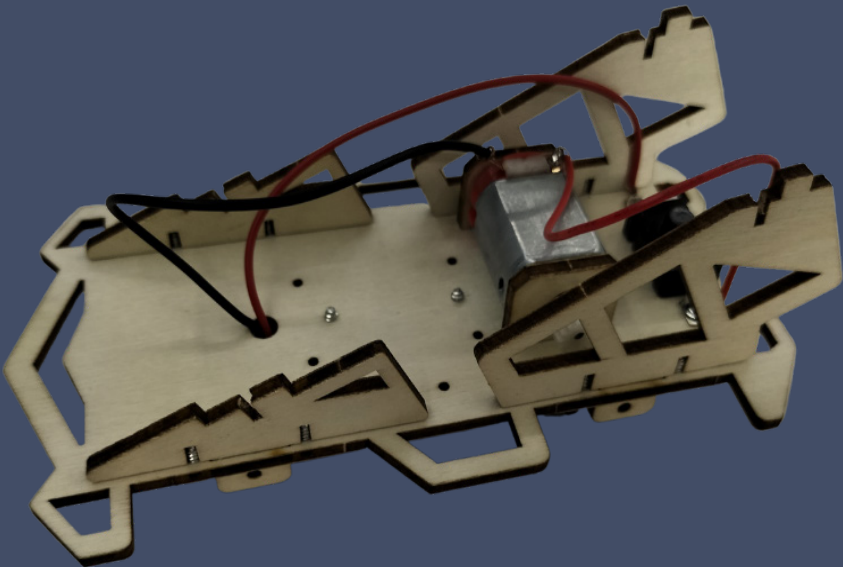


④



⑤

Slide board 4 and 5 onto board 3.



Step 7



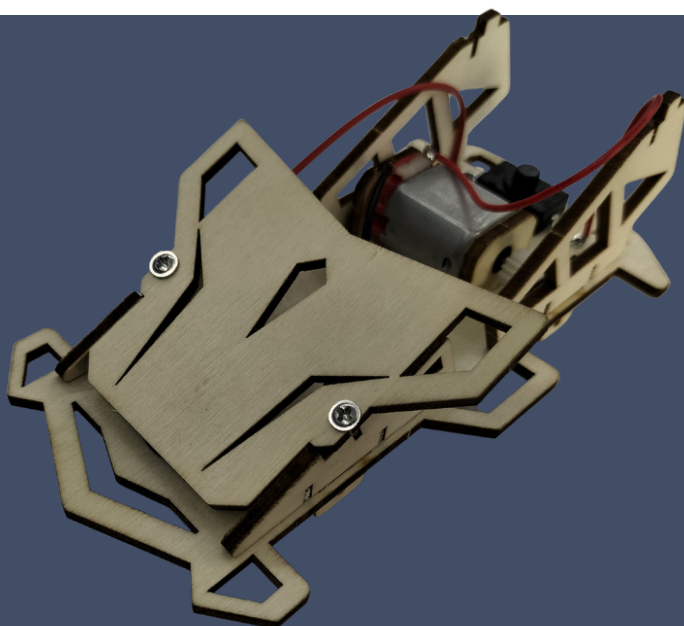
Secure board 4 and 5 with 7mm screws.



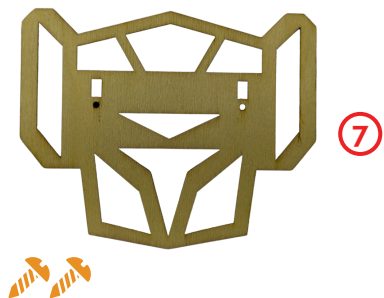
Step 8



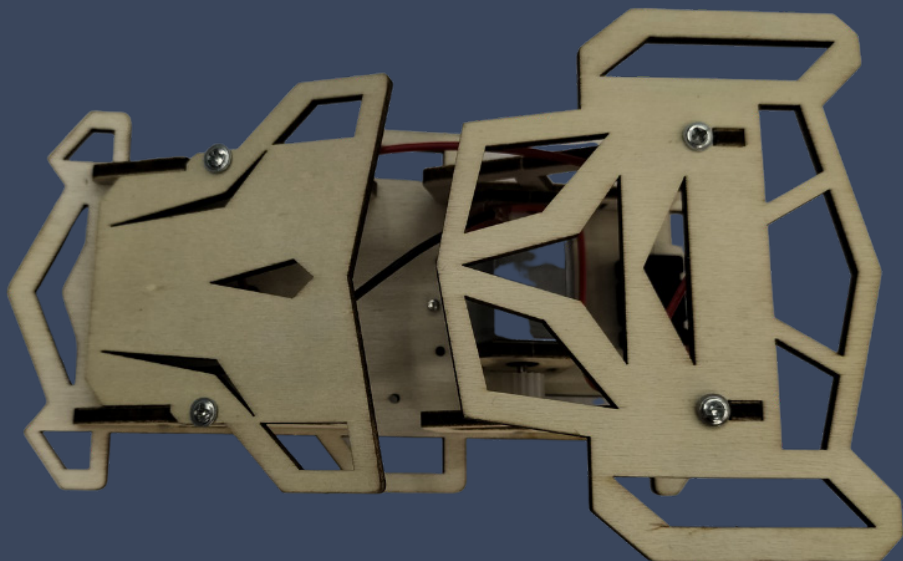
Attach board 6 to the number 4 boards using 7mm screws.



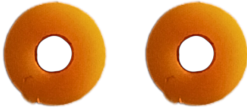
Step 9



Now, let's add board 7 to the number 5 boards. Use 7mm screws to hold it in place.



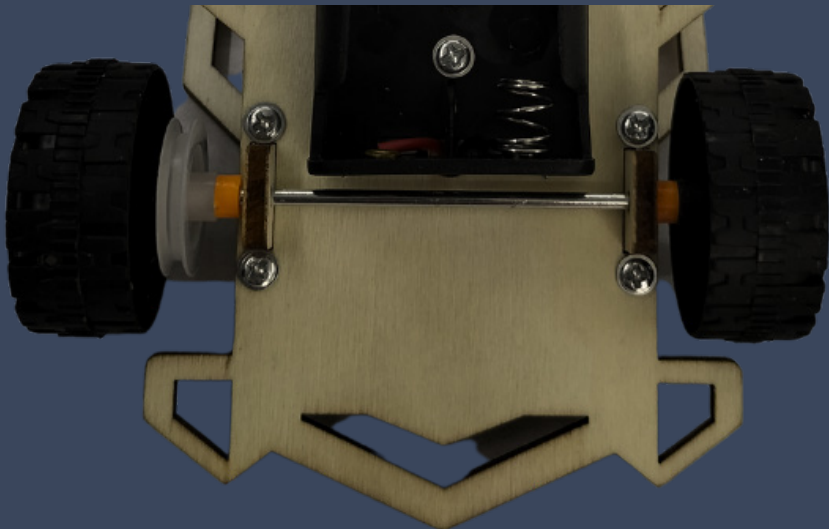
Step 10



Time to work on the wheels! Pass the shaft through the round hole in board 5.

Put spacers and white pulleys on both sides of the axle, with the pulley on the right side. Finally, install the wheel.

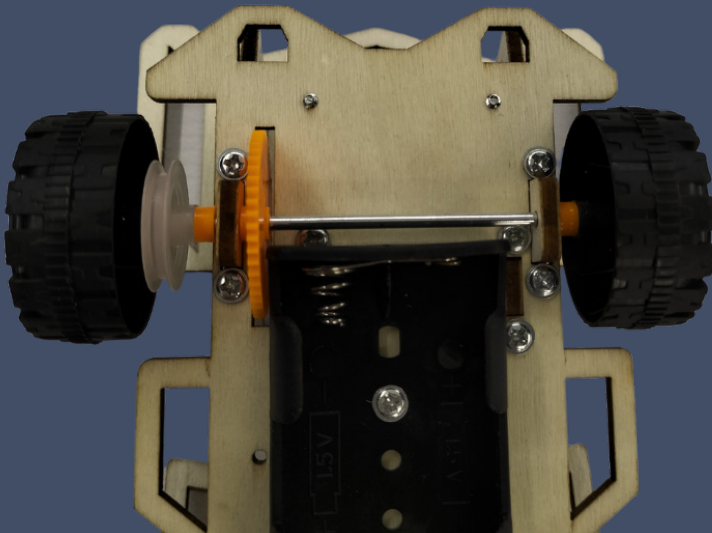
Check to make sure the wheel can spin easily; if it's too tight, loosen it a bit.



Step 11



Place the orange gear into the gear groove, then install the shaft, with a spacer, and the white pulley on the right side. Make sure the protruding part of the pulley faces the spacer.

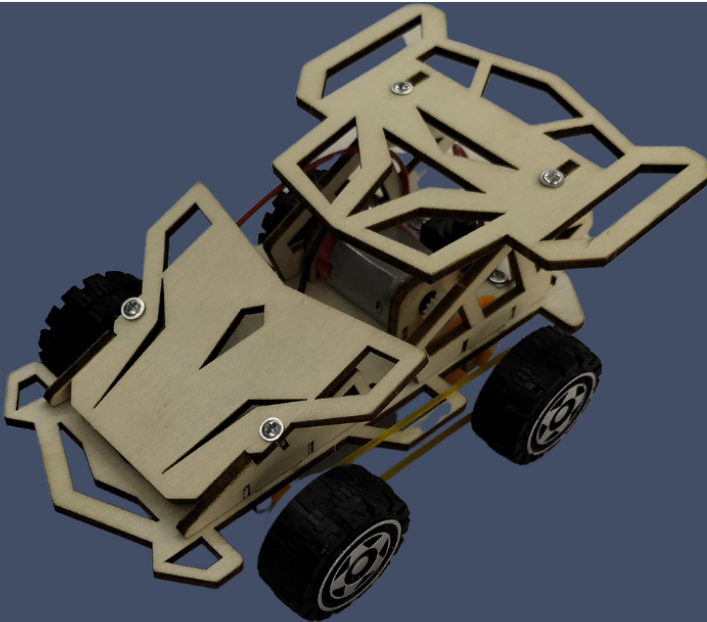


Step 12



Install the wheel on the shaft, and again, check if it spins easily. Loosen if needed. Almost there!

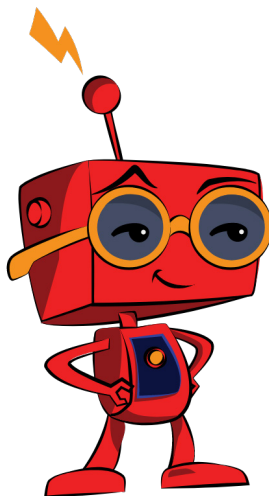
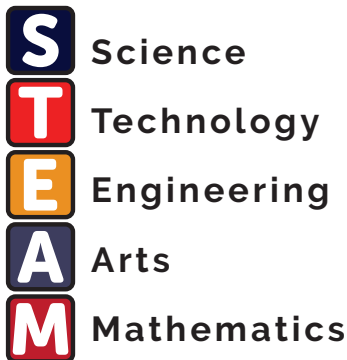
Attach the rubber band to the pulley, and your little racing car is ready. Pop in the battery, turn on the power switch at the back, and watch your racing car go!



Now you have your very own Go-kart!

Finally, it's alive! Now we will become the best of friends!

Let's explore the racing tracks together!

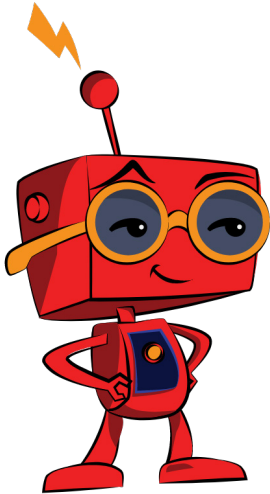


Here's how they help:

1. *Hands-On Learning:*
Kids do experiments and projects, making learning fun.
2. *Problem-solving:*
This makes your child think outside the box to solve a problem.
3. *Creative Thinking:*
Arts and design are part of **STEAM**, so kids get to be creative, and think of new ideas to build and create.
4. *Confidence:*
Completing projects makes kids feel like they accomplished something, building confidence in creating more and unique things.
5. *Preparation:*
STEAM skills are important for the future, so kids can use the skills they learn, to create a better future.

STEAM kits - help kids learn many skills they'll need in a fun and practical way.

Collect them all



With a bit of imagination you can create your own unique friends. Please share your creations with our community

Please ask your mom / dad / teacher or a grown up to help you to upload your creations to our community page on the website. We would love to see your creations and also share and inspire the little creator in you.

Skyraider
wind fighter





Tommy
tank crawler

Dune Dancer
Off- Roadster



J.J
Jeep