Hello little wheely

E l e c t r i c   t a n k

Discover the Joy of a
Electric Friend

level

NOT
included
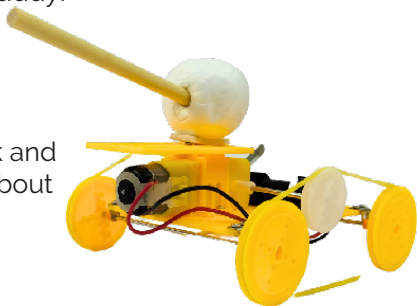
AA

AA

BOTSHOP
EST 2014
LET THE FUN BEGIN

Hi there!
I'm Sparkz
Let me introduce
you to my
friend Little wheely!

Hey there, little buddy!

I'm Little wheely,
the electric tank.

I'm a Electric tank and I'm here to tell you about me, so get ready for some fun!

Hello friend!

My name is little wheely I am like super tough and powerful vehicles used in battles on land.

I have special tracks at the bottom, kind of like big tank feet, which help me move over rough and bumpy terrain.

I am like the superheroes of the land. I can not wait to be your friend and have new adventures together.

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!

Remember to get 2 x AA batteries for Little wheely!

Some things to keep in mind:
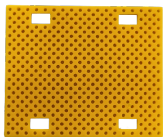
- *Be careful:* When you open the package with the parts, be careful not to drop or lose any small parts. They are very important for your model. If you lose a piece, your model might not work!

- *Read and follow:* If you want to make your model easily, you need to read the instructions well and follow the steps.

What is in the BOX

- 16 x wooden parts
- 1 x remote control
- 1 x yellow motor
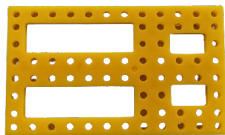- 16 x 7mm screws
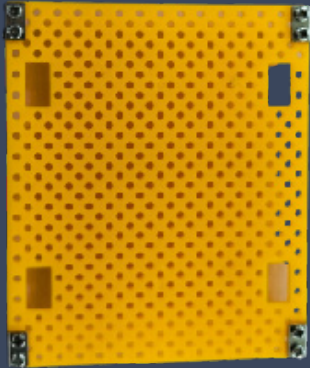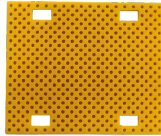- 2 x 4mm screws
- 1 x screwdriver

X 1 — ①

1 X — ④

X 1 — ②

X 1 — ③

(1)
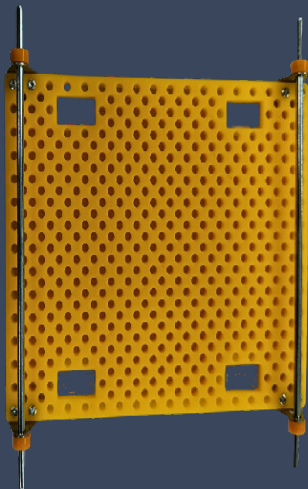

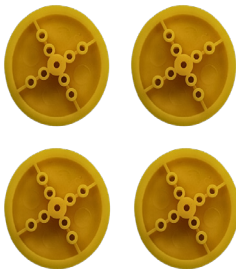Grab plate 1 and attach small angle irons to all four corners using 4mm screws. It's like giving our tank a strong foundation.

Now, turn plate 1 upside down. Install the two 100mm shafts and add a spacer on each corner. These shafts will hold our tank's wheels.

③

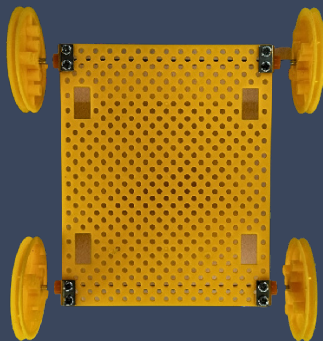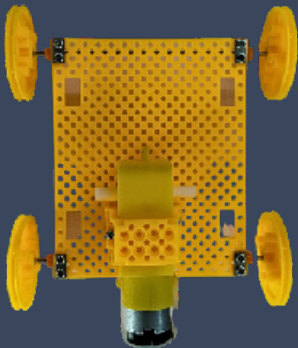Push plate 3s onto the shaft. If they fit tightly, you can use a bit of extra force. These are like the tank's legs.

(2)

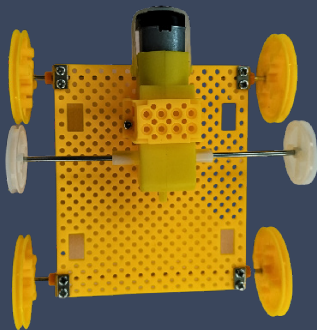Time to put the motor onto the plate 1 and hold it in place with plate 2 and 6mm screws.
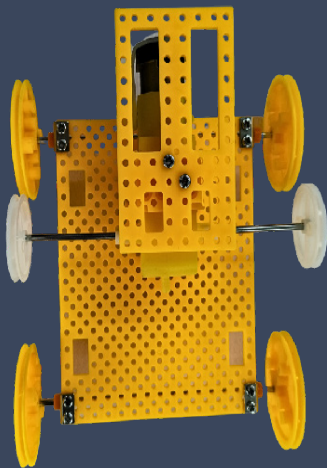
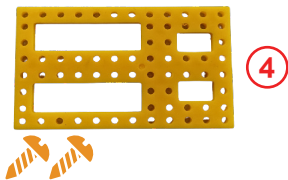The motor is like the tank's engine.

Take a 40mm shaft and connect it to the motor. Now, add a pulley (it's like a wheel) to this shaft. The tank's wheels are going to move with this pulley.
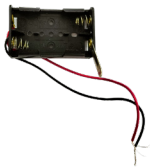
④

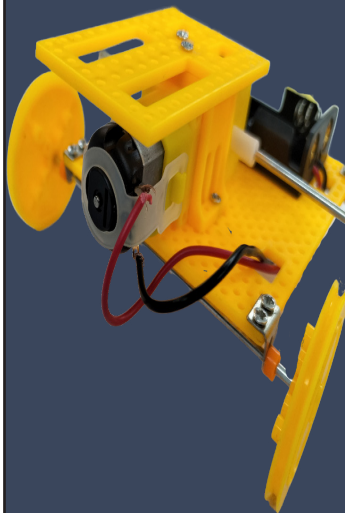Put plate 4 on top of the motor and tighten it with 6mm screws.

It's like the tank's roof.

Step 6

Attach the battery box to plate 1 using two 4mm screws. Make sure the wires go through neatly and look nice.
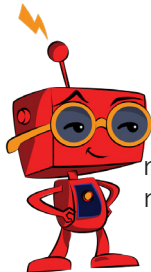
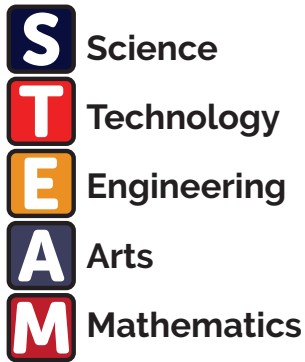Time to stick the cannon we made onto the tank's roof. You'll need some double-sided tape and watercolor pens to make it look cool.

Connect the red and black wires to the two copper rings of the motor. If the tank goes backward, just swap the red and black wires and connect them to the motor the other way around.

Put two AA batteries into the battery box, close the lid, and our tank is ready to roll!

Now you have
your very own Little Wheely!

Congratulations, adventurer! There you go, IGet ready for some thrilling adventures with your new tank, my little friend! Let's have loads of fun together!
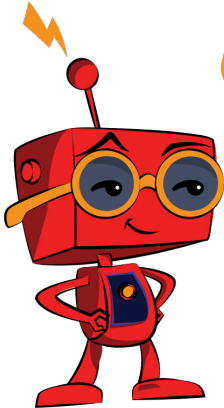
S	**Science**
T	**Technology**
E	**Engineering**
A	**Arts**
M	**Mathematics**

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

Here's how they help:

1. *Hands-On Learning:*
   Kids do experiments and projects, making learning fun.

2. *Problem-solving:*
   They learn to solve problems by thinking and trying things out.

3. *Creative Thinking:*
   Arts and design are part of **STEAM**, so kids get to be creative.

4. *Confidence:*
   Completing projects makes kids feel like they accomplished something

5. *Preparation:*
   STEAM skills are important for the future, so kids are ready for jobs.
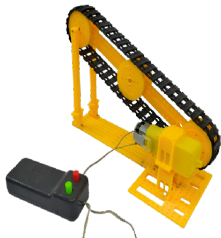
Collect them all

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.
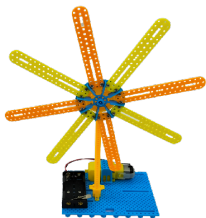
Doodley
Doodle robot

Cody
Conveyor belt

Little wheely
Conveyor belt

Animal kingdom
Ferris wheel