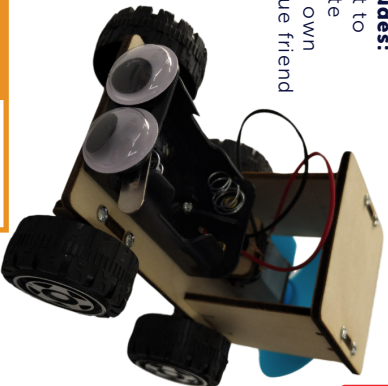


# Freddie

## Wind car

Discover the Joy of a mechanical Friend

**Includes:**  
paint to  
create  
your own  
unique friend



**NOT**  
included



**level**





# Freddie

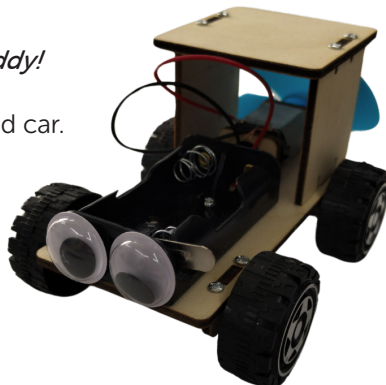
## the wind car



*Hey there, little buddy!*

I'm Freddie, the wind car.

I'm a wind car  
and I'm here to  
tell you about  
me, so get ready for  
some windy fun!



*Hey there, little explorer! I'm Freddie, the incredible Wind car DIY toy! I'm here to rev up your imagination and take you on the wildest off-road adventures!*

*Imagine driving me through rugged terrains, conquering rocky mountains, and cruising through imaginary deserts. We can go on thrilling expeditions, exploring uncharted territories, and discovering hidden treasures along the way. The fun never ends when you're behind the wheel of Freddie, the Wind car.*

# 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 Freddie!



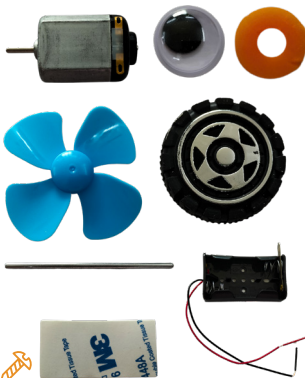
## Some things to keep in mind:

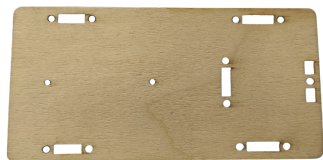
- *Be careful:* When you open the package with the parts, be careful not to drop or lose any small parts. They are very important for your model. If you lose a piece, your model might not work!
- *Read and follow:* If you want to make your model easily, you need to read the instructions well and follow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



## What is in the BOX

- 6 different boards
- 2 shafts
- 1 motor
- 2 googly eyes
- 4 spacers
- 1 blue fan
- 4 wheels
- 1 battery box
- 15 7mm screws
- 2 4mm screws

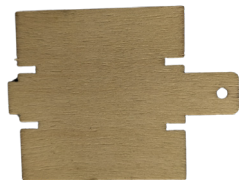




x 1 — ①



x 1 — ②



x 2 — ③



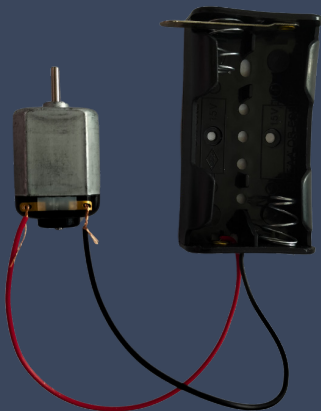
④ — x 1



⑤ — x 2



⑥ — x 1



## Step 1



Connect the output line of the battery box to the motor, please refer to the wiring position of the red and black lines in the above picture.

Wiring method: first twist the metal wire core into a spiral shape, then pass the metal wire through the small hole of the motor wiring steel sheet, and twist it for 3-4 turns.



## Step 2



4



6

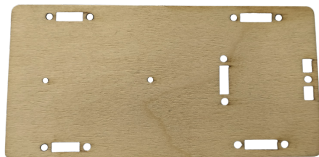
Install board 4 and board 6 on either sides of the motor, as shown in the picture.





### Step 3

①



First install the motor on board 1.

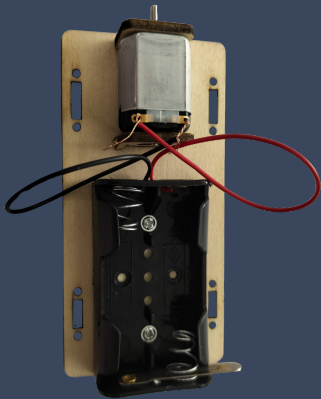
## Step 4



Turn board 1 over and fix the motor clip with 7 mm screws

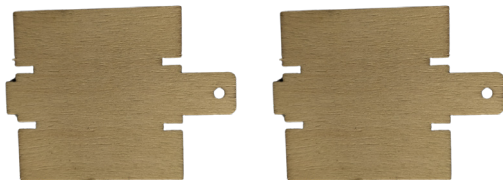


## Step 5



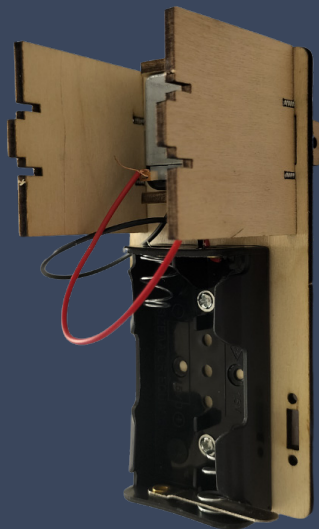
Attach the battery box on board 1 with 4mm screws.

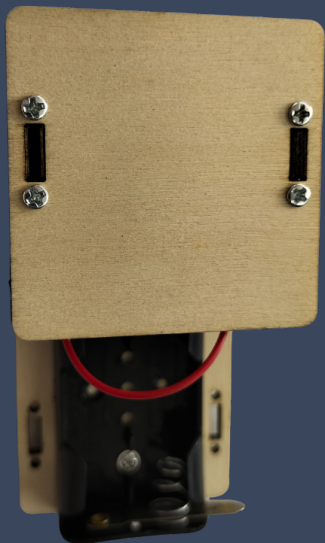
## Step 4



3

Insert two board 3s into board 1, and use 7mm screws to secure the boards at the bottom on board 1.





## Step 5

2



Install board 2 on both board 3s with 7mm screws.

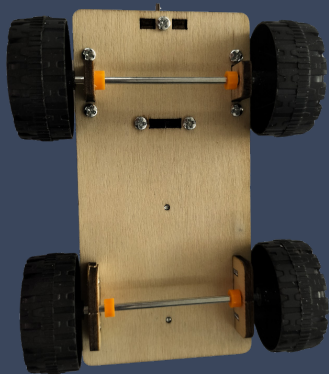
## Step 4



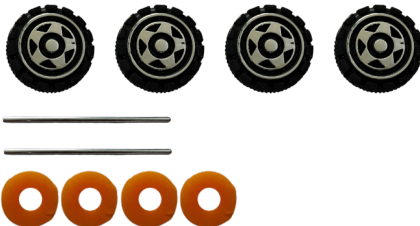
5

Install board 5 on board 1 with 7mm screws.



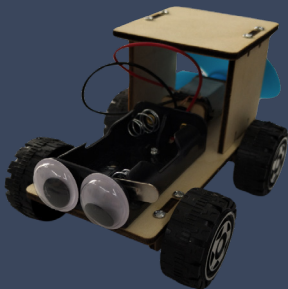
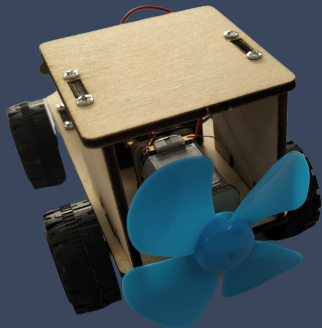


## Step 5



Install the wheels, and check the rotation resistance of the wheel after installation. If the rotation resistance of the wheel is too large, slightly widen the distance between the spacers, the wheel and board 5 until you can not feel the rotation resistance.





## Step 5



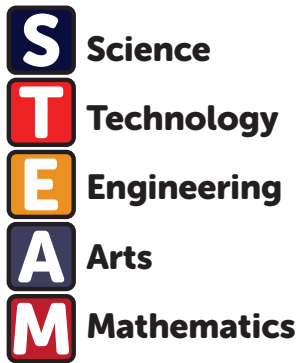
Attach the propeller to the rotating shaft of motor.

First tear off the adhesive protection layer on the back of the eyes, then stick the eyes to the battery box.

# **Now you have**

**your very own Animal kingdom!**

Congratulations, adventurer! There you go, I'm so excited to see you have fun with Freddie, my little friend! Let the wind carry us on amazing adventures together!



## 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.



***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.

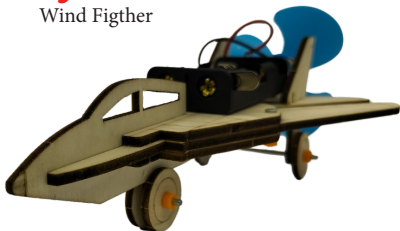


**Tommy**  
tank crawler



**Wanderer**  
go-kart

**Skyraider**  
Wind Figther



**J.J**  
Jeep

