EST 2014

BOT SHOP

LET THE FUN BEGIN

Dune Dancer

Off-Roadster

Discover the Joy of a mechanical Friend

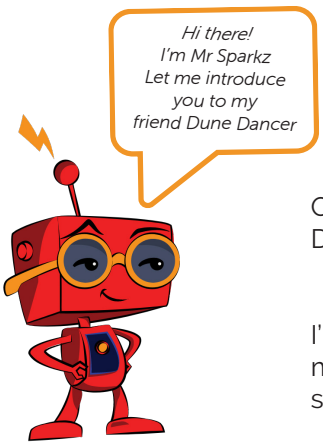
NOT included

AA AA

level

Dune dancer

the Off-Roadster



Hey there, little buddy!

I'm Dune Dancer, the Off-roadster, but you can call me Dune Dancer!

I'm a Off-roadster and I'm here to tell you about me, so get ready for some wroom-wroom fun!

Hey there, little buddy! I'm Dune Dancer, the amazing wind-powered off-roadster! I can zoom around using the power of the wind. I'm so excited to be your new friend and go on lots of fun adventures together!

My Purpose:

To teach you how wind turbines work.

To show you that when things push or pull each other, they push or pull back with the same strength in opposite directions.

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 your 2 x AA batteries for Dune Dancer!

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

- 7 different parts of cut-out board
- 4 wheels
- 1 red fan
- 1 battery box
- 2 shafts
- 1 motor

x 1 — 1

x 4 — 2

x 2 — 3

x 2 — 4

x 2 — 5

x 1 — 6

7 — 1 x

1 x

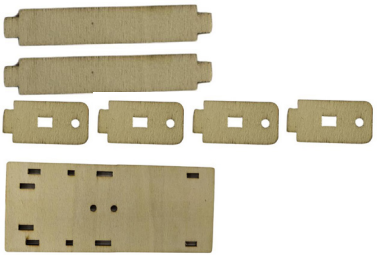
1 x

1 x

4 x

2 x

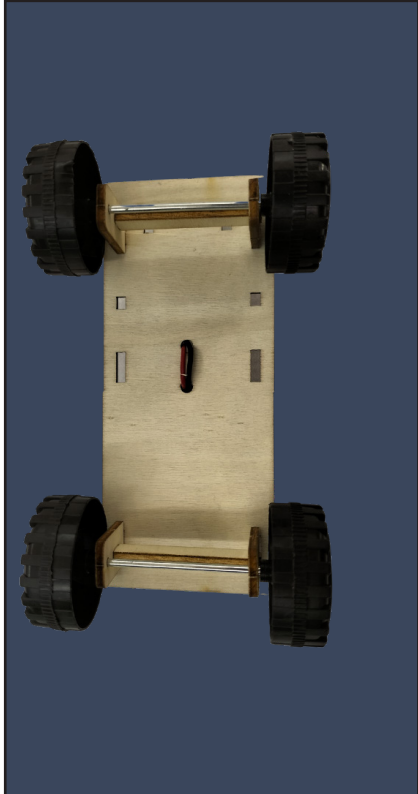
Step 1



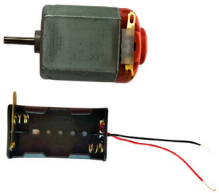
We must pass a long stick called a shaft through board 2. Then, add the wheels to make Dune Dancer roll smoothly.

Step 2

Stick the battery box onto board 1 using special tape that sticks on both sides. We also need to attach the motor using the same tape. Connect the red wire to the left hole on the motor, and the black wire to the right hole on the battery box.



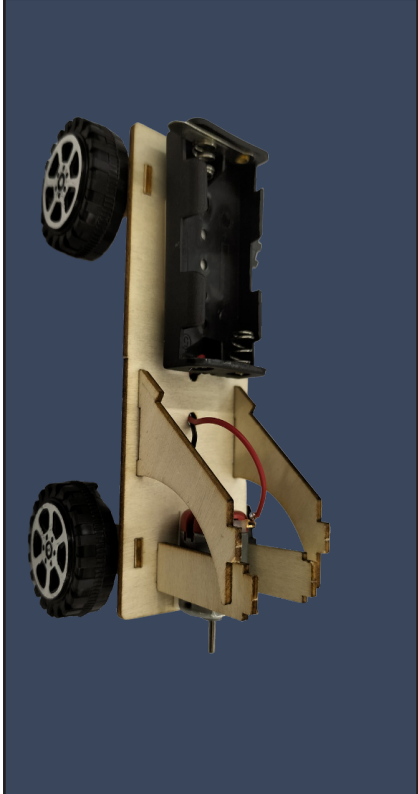
Step 3

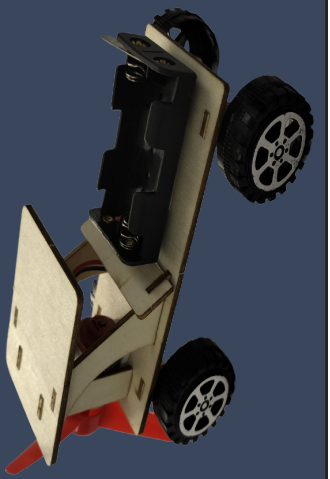


Now, let's assemble boards 2 and 5, as shown in the picture, and slide them into board 1.

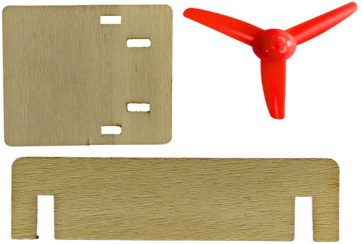
Step 4

Let's attach board 4 to board 1 and board 3 next to the motor.





Step 5



Now, snap board 6 onto board 4, snap board 7 onto boards 4 and 3, and slide the red fan blade onto the motor's spinning stick.

Now you have

your very own Dune dancer!

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

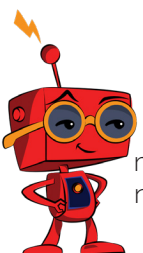
S Science

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.

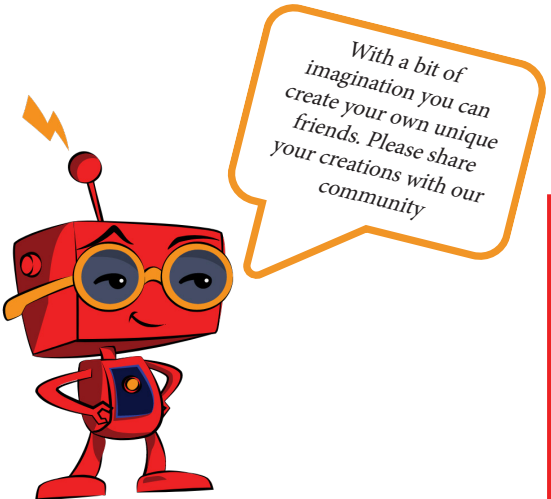
2. *Problem-solving:*
   They learn to solve problems by thinking and trying things out.

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



Please ask you 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 fighter

J.J
Jeep