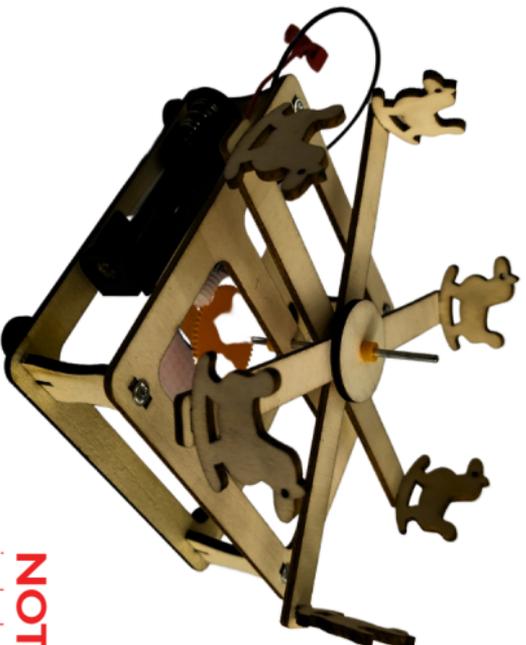


Charlie

Horse carousel |

Discover the Joy of a
mechanical Friend

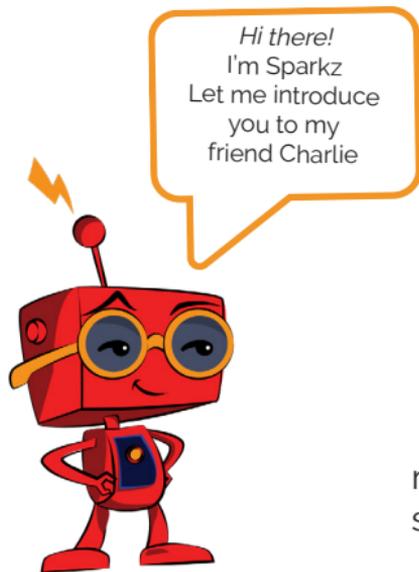


level 

NOT
included
 

Charlie

the Horse carousel



Hey there, little buddy!

I'm Charlie,
the Horse carousel.

I'm a horse carousel
and I'm here to tell
you about
me, so get ready for
some jollie fun!



Hi there little crafter, my name is Charlie, the small wooden horse on the carousel. I'm so excited to meet you! You see, I'm a special horse who loves to spin and have lots of fun. I have a beautiful painted coat and a shiny pole that helps me go round and round.

I live on a wonderful carousel! When the carousel starts spinning, we can feel the wind in our manes and the excitement in our hearts. It's like we're flying through the sky! You can find me on the carousel, waiting for you to hop on my back and join the ride. We'll go up and down, around and around, and have the best time ever! Just remember to hold on tight and have a big smile on your face.

I'm here to make sure you have a fantastic time, filled with laughter and joy. So, whenever you see me on the carousel, don't be shy! Come say hello, and let's have the most amazing adventure together. Ready for some carousel fun? Let's go!

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 Charlie!



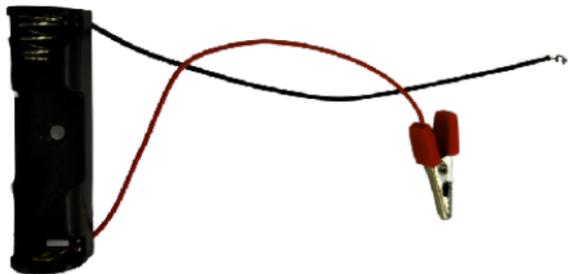
Some things to keep in mind:

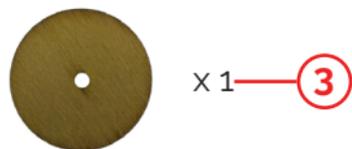
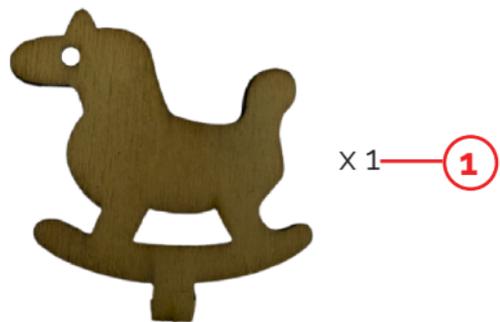
- *Be careful:* When you open the package with the parts, be careful not to drop or lose any small parts. They are very important for your model. If you lose a piece, your model might not work!
- *Read and follow:* If you want to make your model easily, you need to read the instructions well and follow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



What is in the BOX

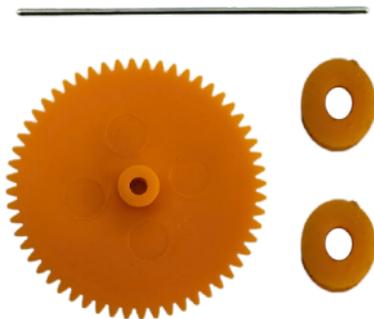
- 6 Different wooden parts
- 1 motor
- 8 7mm screws
- Battery box
- 1 Alligator clip
- Double-sided tape
- 1 worm gear
- 1 orange gear
- 4 orange fixing rings.
- 1 shaft





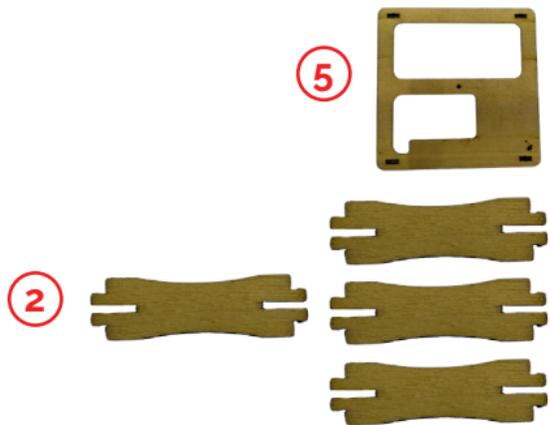


Step 1



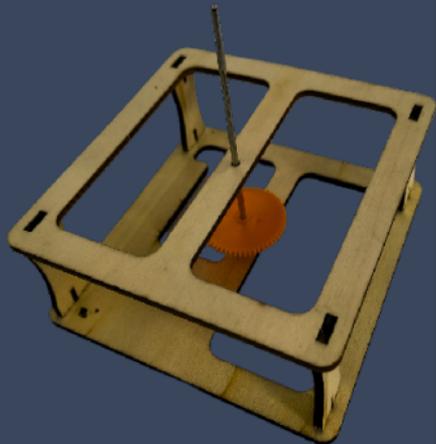
Slide the orange gear onto the shaft and add two orange fixing rings on each side.

Step 2



Connect four boards 2s to board 5.





Step 3



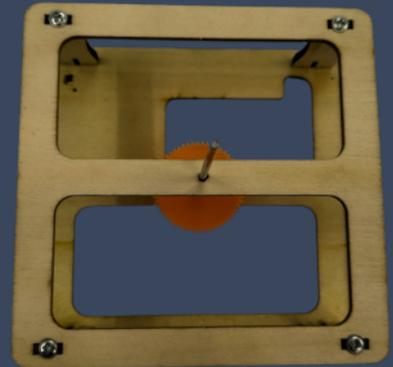
3

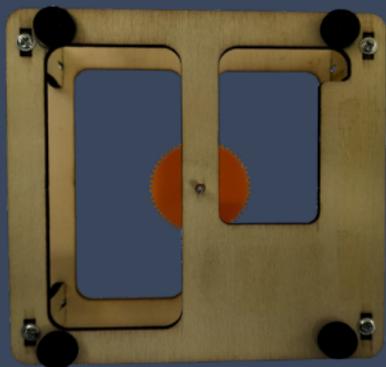
Put the shaft with the orange ring onto board 1 and slide board 3 onto the shaft.

Step 4

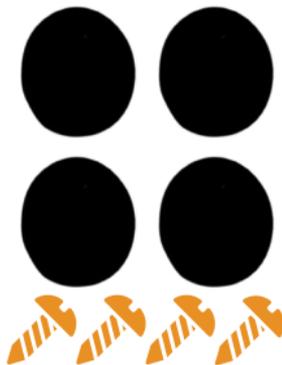


Use 7mm screws to hold the boards in place.



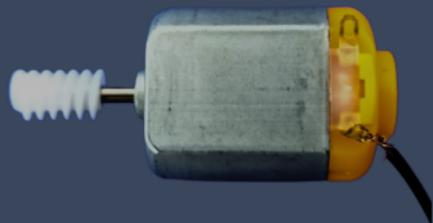
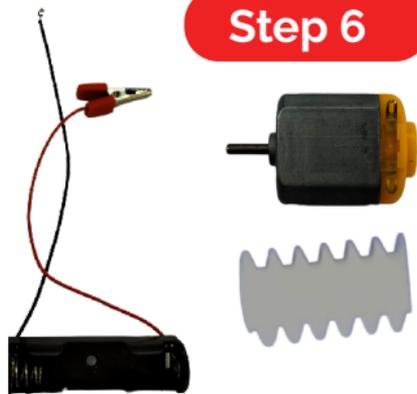


Step 5



Install 7mm screws to board 2 and stick 4 rubber pads to each side of the board.

Step 6



Connect the black wire from the battery box to the tight side of the motor by attaching it to the copper sleeve. Attach the white worm gear to the motor, but only part of it.



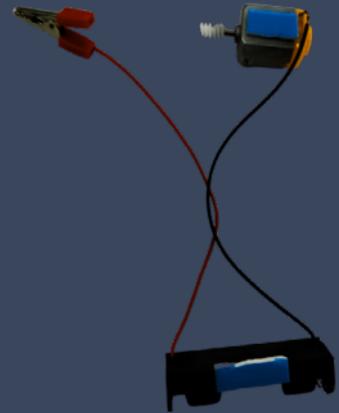
Step 7

Slide the red wire through the rubber sleeve and attach it to the metal part of the alligator clip. Put the rubber sleeve back on.

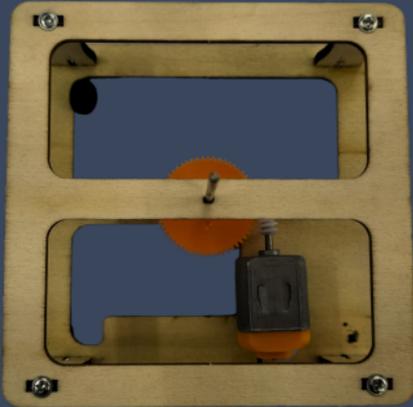
Step 8



Stick double-sided tape on both the motor and battery box.



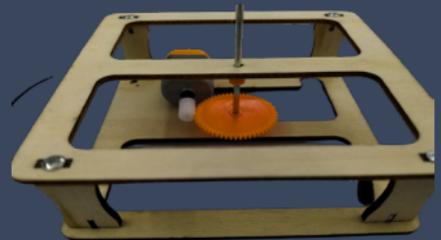
Step 9



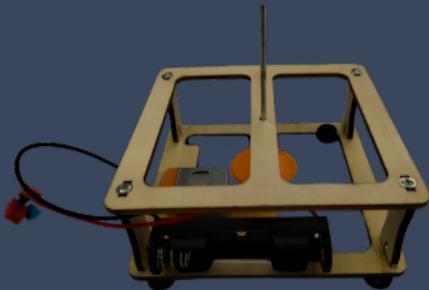
Attach the motor to board 2. Ensure the white worm gear slides into the orange gear, but not too tight.

Step 10

Make sure the gears fit well without being too hard to turn.



Step 11

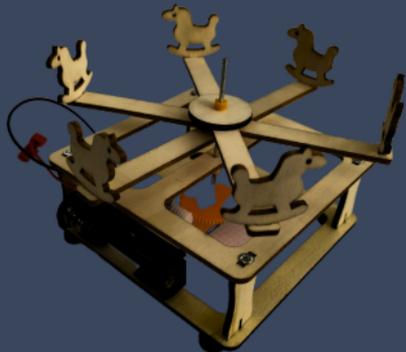


Attach the battery box on its side on board 2.

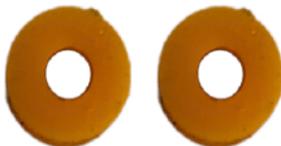
Step 12



Connect board 4 with board 5. Make sure there is a horse on each side of the board, and that they look to the opposite side of each other. Repeat the action 3 times.



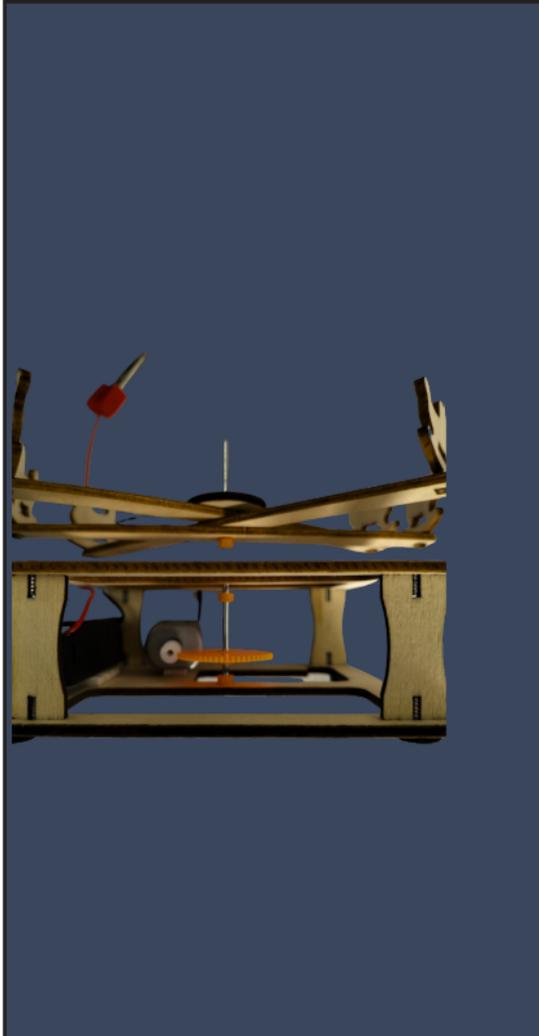
Step 13

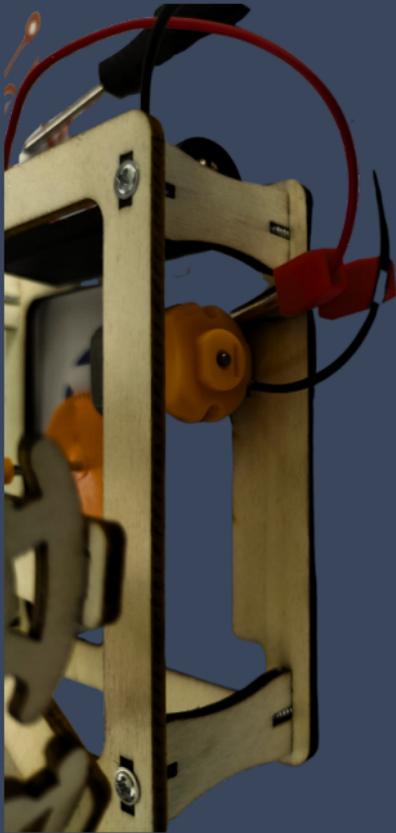


Slide all the number 5 boards onto the shaft, then slide board 6 onto the shaft. Put a spacer onto the shaft to secure the boards.

Step 14

Make sure everything is in place and aligned.





Step 15

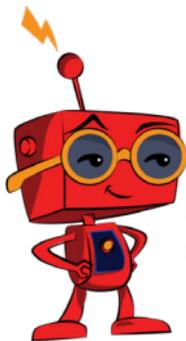
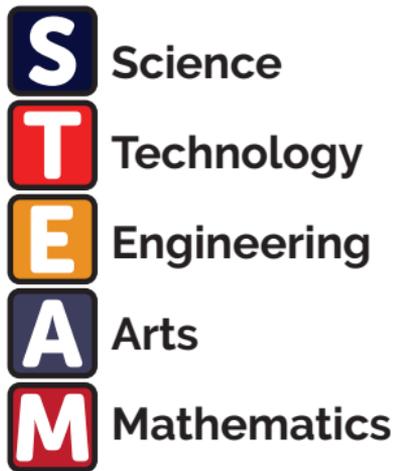
Put the batteries in, attach the alligator clip to the motor, and watch your merry-go-round spin. Take off the clip to stop it.

Now you have your very own horse carousel!

Congratulations, adventurer! There you go. Have fun with your horse carousel, Charlie! Let's watch me go round and round!

If Charlie do not work:

- Check whether the circuit is connected correctly, and whether there is any poor contact at the wiring joint.
- Check whether the battery is low on power. It is recommended to try replacing a new battery.
- Check whether the gears are fit properly.
- The wooden horse was glued in the wrong direction. Please refer to the instructions to re-glue the wooden horse.
- The motor circuit is connected incorrectly, please change the wiring position of the red and black wires.

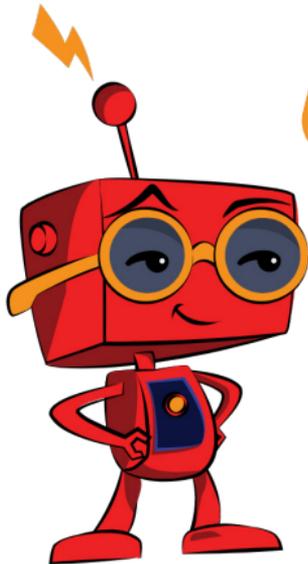


STEAM kits - help kids learn many skills they'll need in a fun and practical way.

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



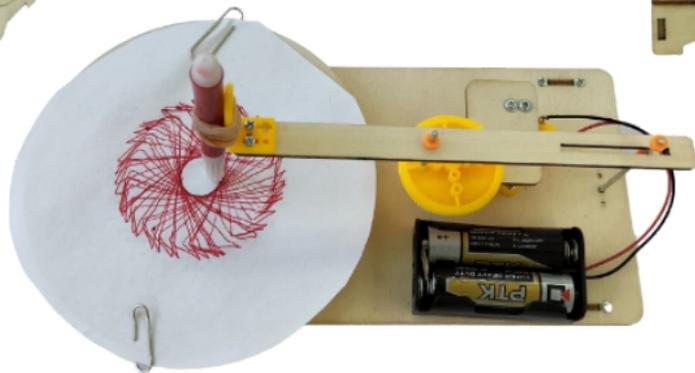
*With a bit of
imagination you
can create your
own unique friends.
Please share your
creations with our
community*

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.



**Mansion
Manor**
Ferris wheel

Hipno
hypnotic window



Scratchy
Drawing robot