

Charlie

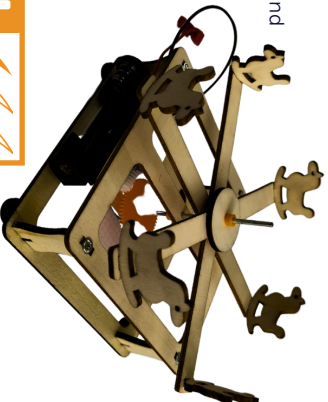
Horse carousel

Discover the Joy of a mechanical Friend

Includes:

Paint and
art stuff
to create
your own
unique friend

NOT
included



level



Charlie

the Horse carousel

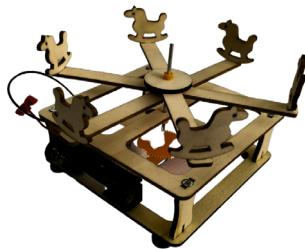


*Hi there!
I'm Mr Sparkz!
Let me introduce
you to my
friend Charlie*

Hey there, little buddy!

I'm Charlie, the Horse carousel,
but you can call me Charlie!

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 your 2 x AA batteries for Charlier!



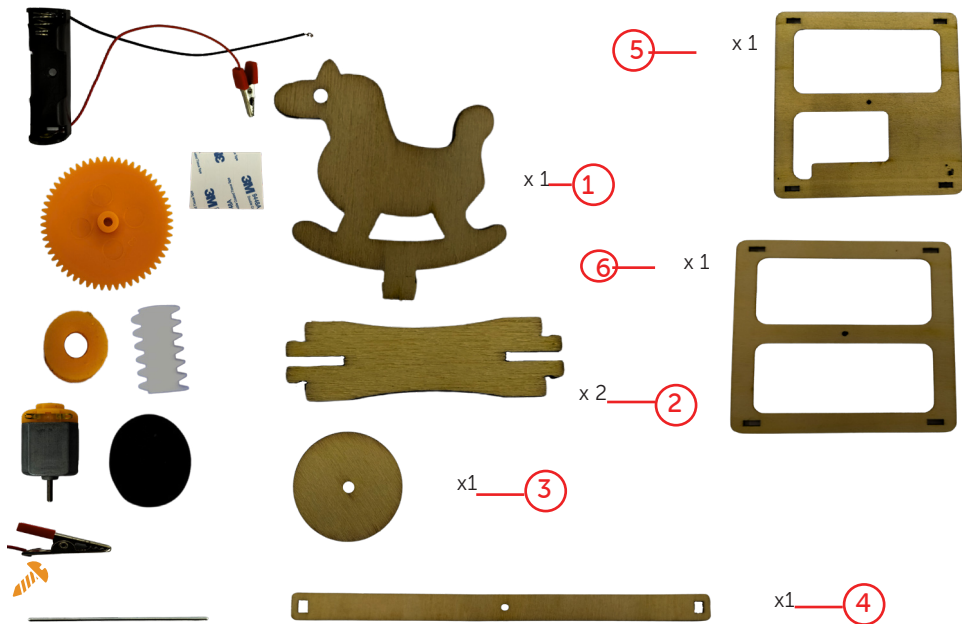
Some things to keep in mind:

- *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.



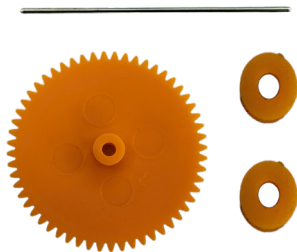
What is in the BOX

- 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



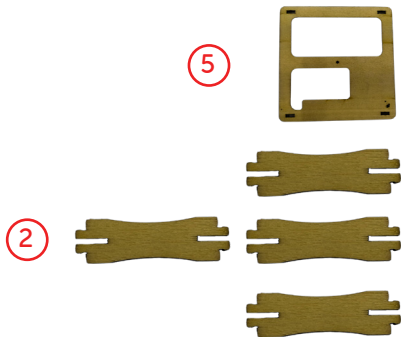


Step 1



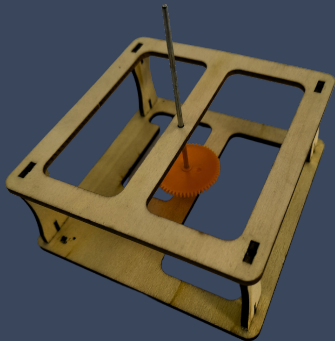
Slide the orange gear onto the shaft and add two orange fixing rings on each side.

Step 2



Connect boards 1 to board 2.





Step 3



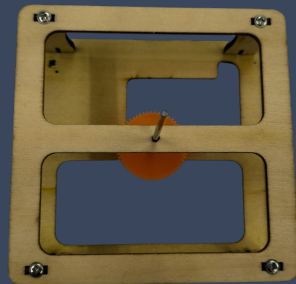
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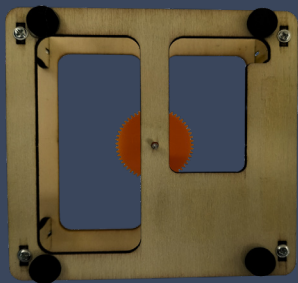
Put the shaft with the orange ring onto board 1 and slide board 3 onto the shaft.

Step 4

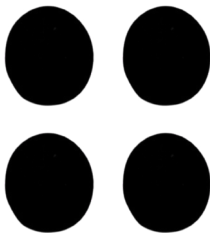


Use 7mm screws to hold the boards in place.



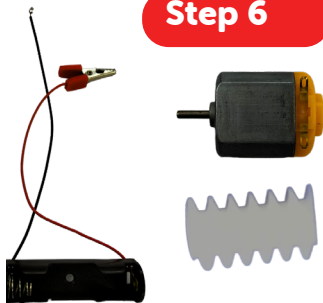


Step 5



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.





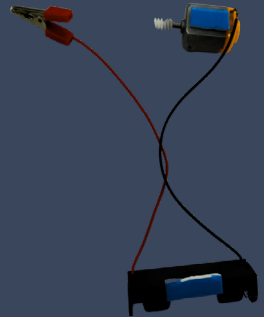
Step 7

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.

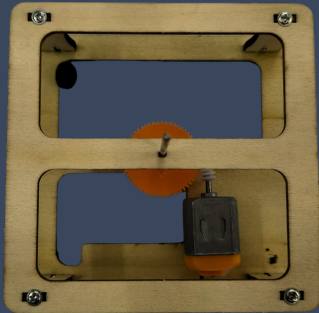
Step 8



Stick double-sided tape on both the motor and battery box. Then attach the battery box on its side on board 2.



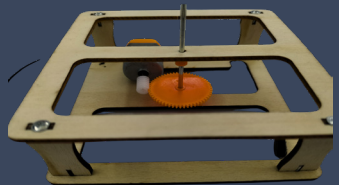
Step 9



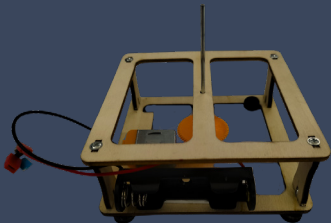
Attach the motor to board 2. Ensure the white worm gear slides into the orange gear, but not too tight.

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

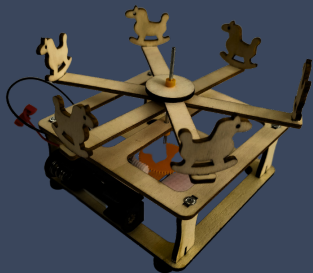


5



4

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

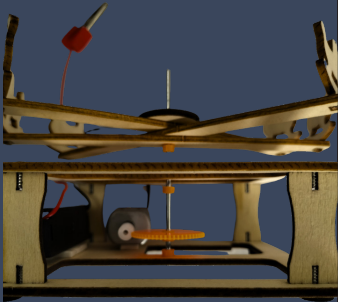


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Slide all the number 5 boards onto the shaft, then slide board 6 onto the shaft. Put an orange fixing ring onto the shaft to secure the boards.

Step 14



Make sure everything is in place and aligned.



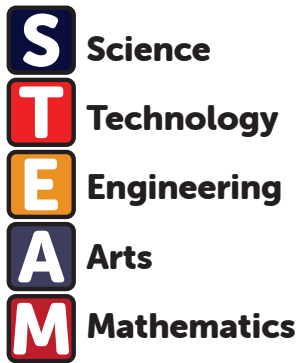
Step 15

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!



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.

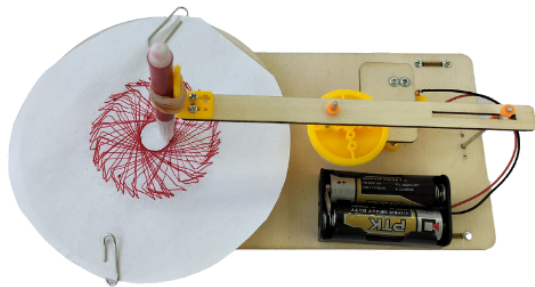
Collect them all



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.

Hipno
hypnotic window



Scratchy
Drawing robot

Mansion Manor

Ferris wheel



