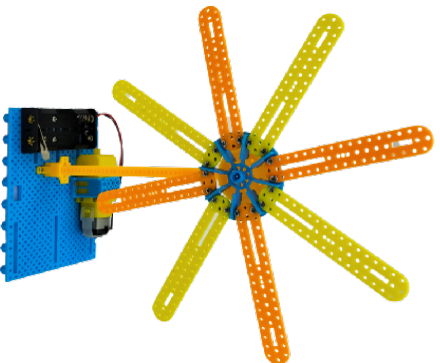




Animal Kingdom

Ferris wheel

Discover the Joy of a
Electrical Friend



NOT
included

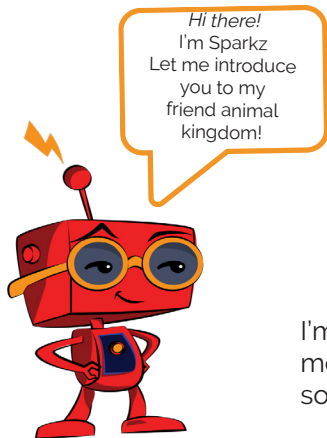
Two red AA batteries are shown side-by-side, indicating that the project requires two AA batteries for power.

level



Animal kingdom

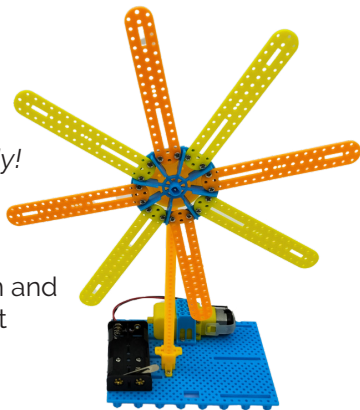
The ferris wheel



Hey there, little buddy!

I'm Animal kingdom,
the ferris wheel.

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



Hello there, my young friend! I'm the Animal Kingdom Ferris Wheel, and I'm super excited to meet you! I'm not just an ordinary Ferris wheel - I'm a special one that is all about animals!

You see, I have different animal friends on each of my colorful seats. Lions, tigers, cows, giraffes, monkeys, and so many more! They are all ready to spin around with you and have a wild time.

When you hop onto one of my seats, you'll go up, up, up, and then down, down, down, like a thrilling adventure! You'll feel the wind in your hair and see the world from high up in the sky. It's quite an amazing experience!

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 animal kingdom!



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

- 12 x parts
- 16 x 7mm screws
- 2 x 4mm screws
- 1 x screwdriver
- Shafts
- Pulleys





x 1

1



x 4

2



x 4

3



x 1

4



x 1

5



x 1

6

7

1 x



8

1 x



9

1 x



10

2 x



11

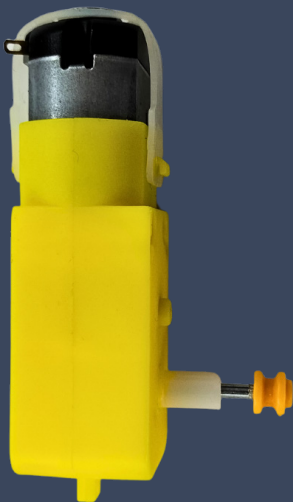
1 x



12

1 x

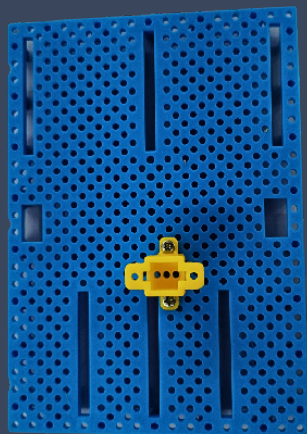




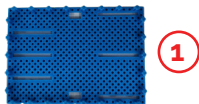
Step 1



First, take the shortest shaft and gently push it into the motor. Then, slide the orange pulley over the shaft to hold it in place.



Step 2



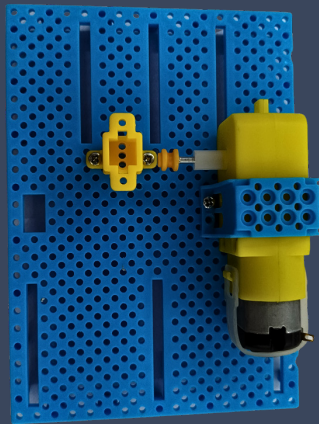
Use 4mm screws to attach the plate 7 to plate 1, just like in the picture.

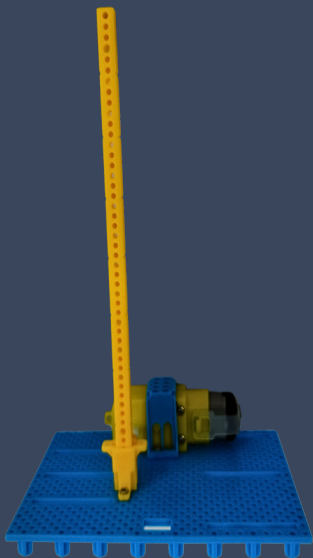
Step 3

5



Now, it's time to put the motor on the plate¹. Make sure the motor's shaft lines up with the yellow socket. Hold the motor in place using the plate 5 and 7mm screws.





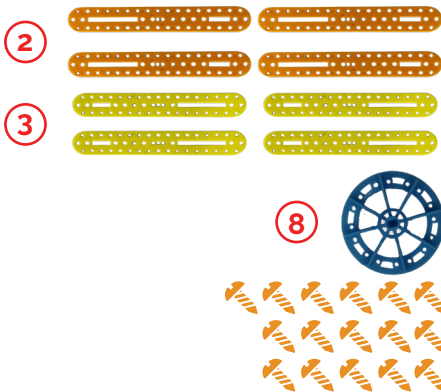
Step 4



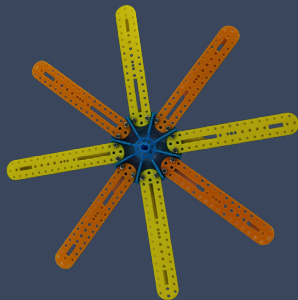
4

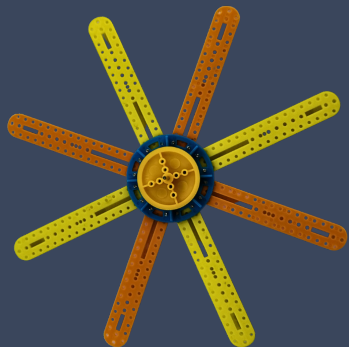
Take plate 4 and put it into the socket. It should fit nicely.

Step 5



Use 16x 4mm screws and screw plate 2 and plate 3 onto plate 8. Imagine it's like building a sandwich with layers – plate 8 in the middle, plate 2 on one side, and plate 3 on the other.





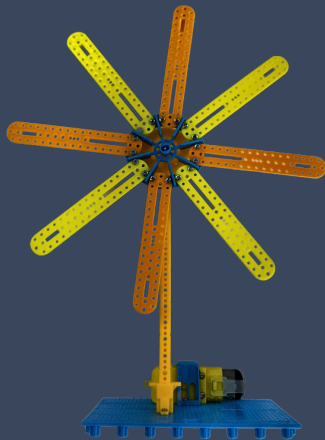
Step 6



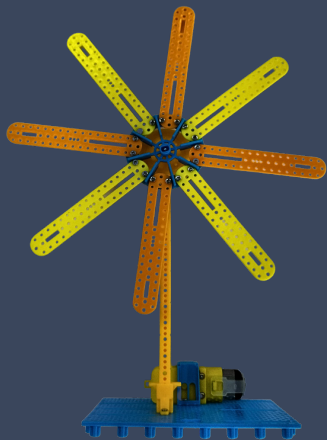
Push a spacer over the shaft. Then, slide the shaft through the top hole of the orange pulley. It's like making a tower!

Step 7

Connect the wires from the battery holder to the motor, make sure the red wire is on the left side and the black wire is on the right side. Then, attach the battery holder to plate 1 near the end of the motor's gearbox by using a 4mm screw. Before you put the batteries in, make sure the switch is open (in the off position).



Step 7

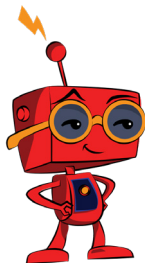
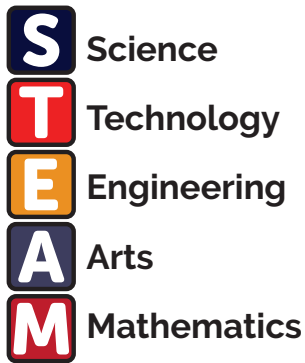


Insert batteries and you will see the animal kingdom ferris wheel turn.

Now you have

your very own Animal kingdom!

Congratulations, adventurer! There you go, The animal kindom ferris wheel is ready to create some awesome rides! Let's have fun!

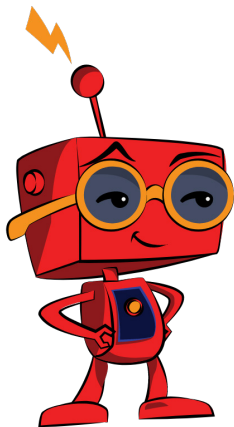


STEAM kits -
help kids learn
many skills they'll
need in a fun and
practical way.

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.

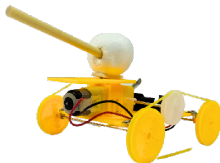


Toby
Engine aircraft



Cody
Conveyor belt

Little wheely
electric tank



Doodley
Doodle robot