


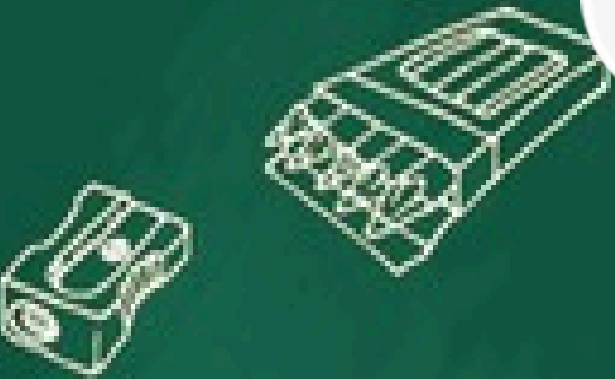


# Mechanical Triceratops





# Guess



About 200 million years ago, a huge family lived on our Earth. They ruled the oceans, lands and skies, and were veritable overlords of the planet.

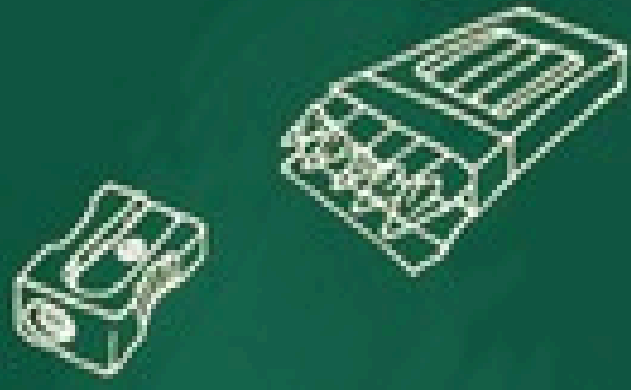
Who were they?





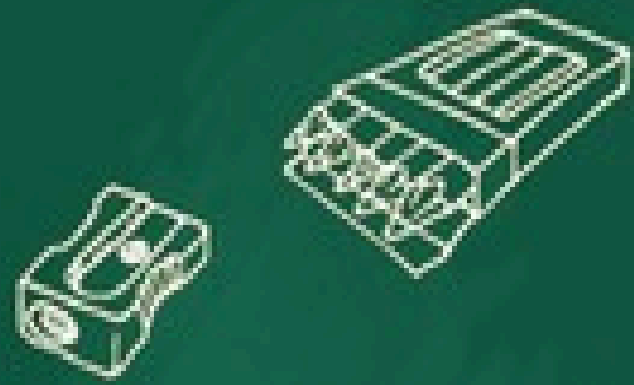
Dinosaurs are a group of reptiles that first appeared around 255 million years ago and lived on Earth for about 160 million years. Although dinosaurs have gone extinct, their descendants — birds — have survived and continue to thrive to this day.





Do you know what types of dinosaurs there are?



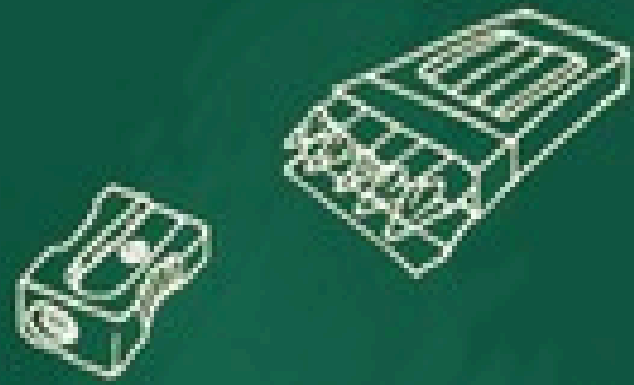


# Dinosaurs of the Sky



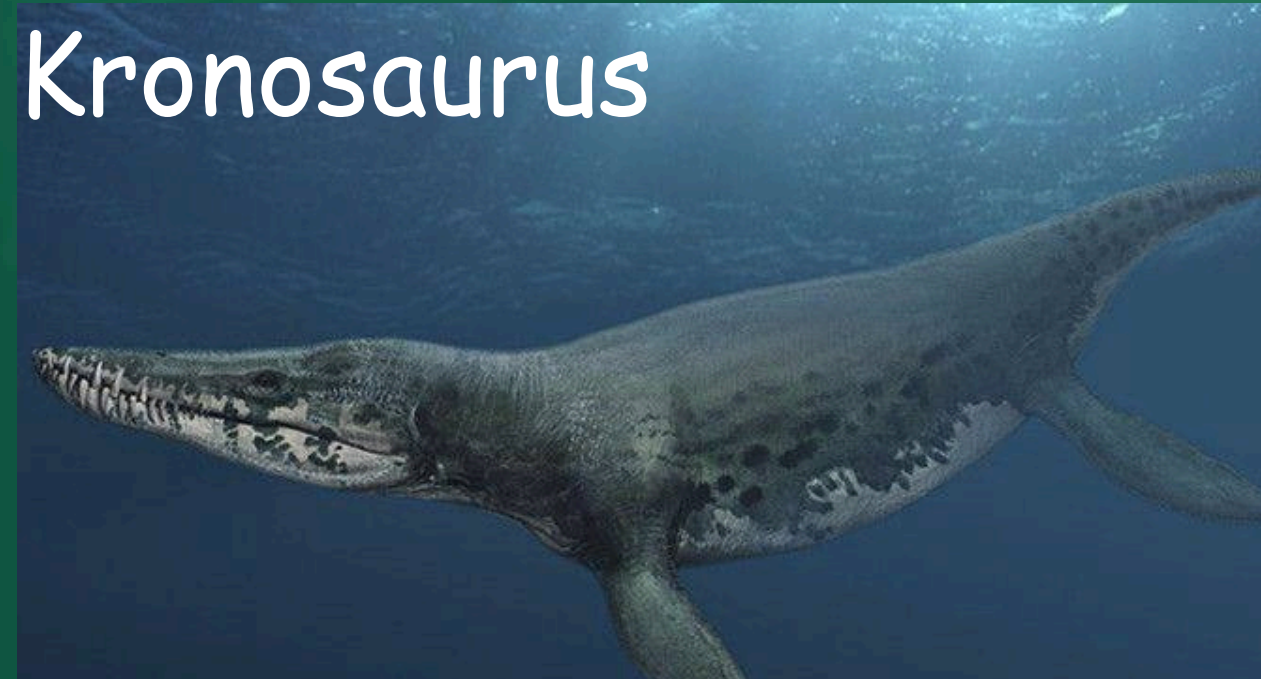
Pterosaurs lived during the Cretaceous Period, and their fossils have been found in Europe. Their wingspan was as large as that of a public bus.





# Dinosaurs of the Ocean

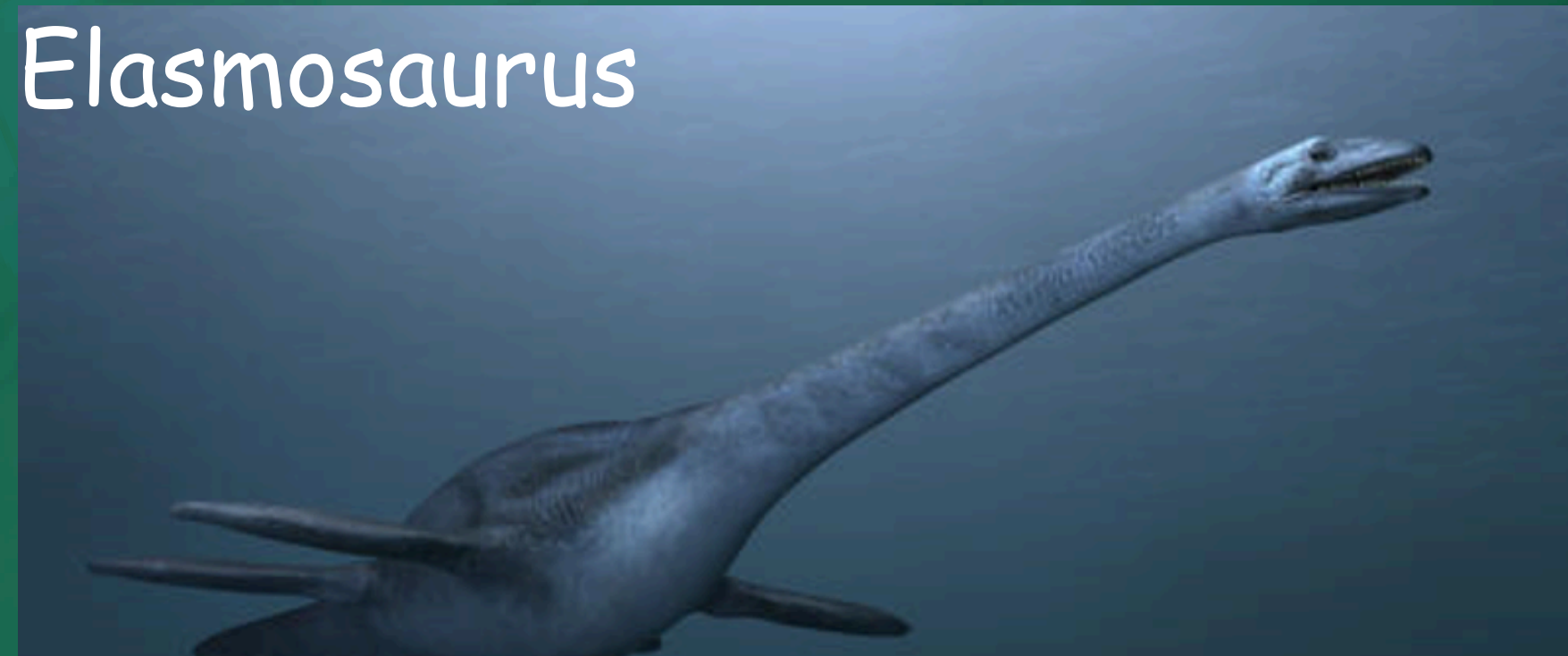
They were the overlords of the sea.



Kronosaurus

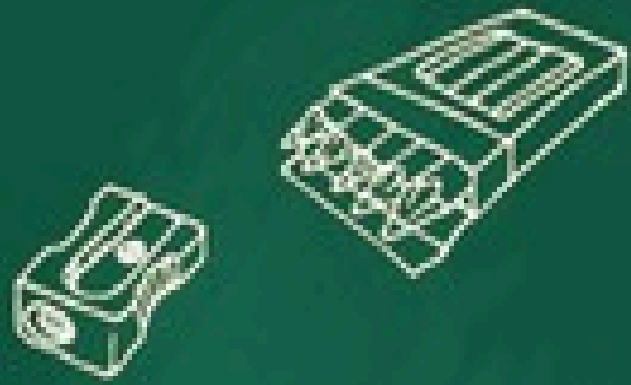


Ichthyosaur



Elasmosaurus





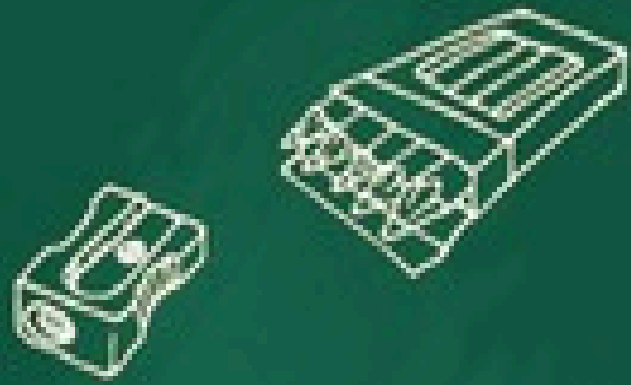
# Dinosaurs of the Land



## Tyrannosaurus Rex

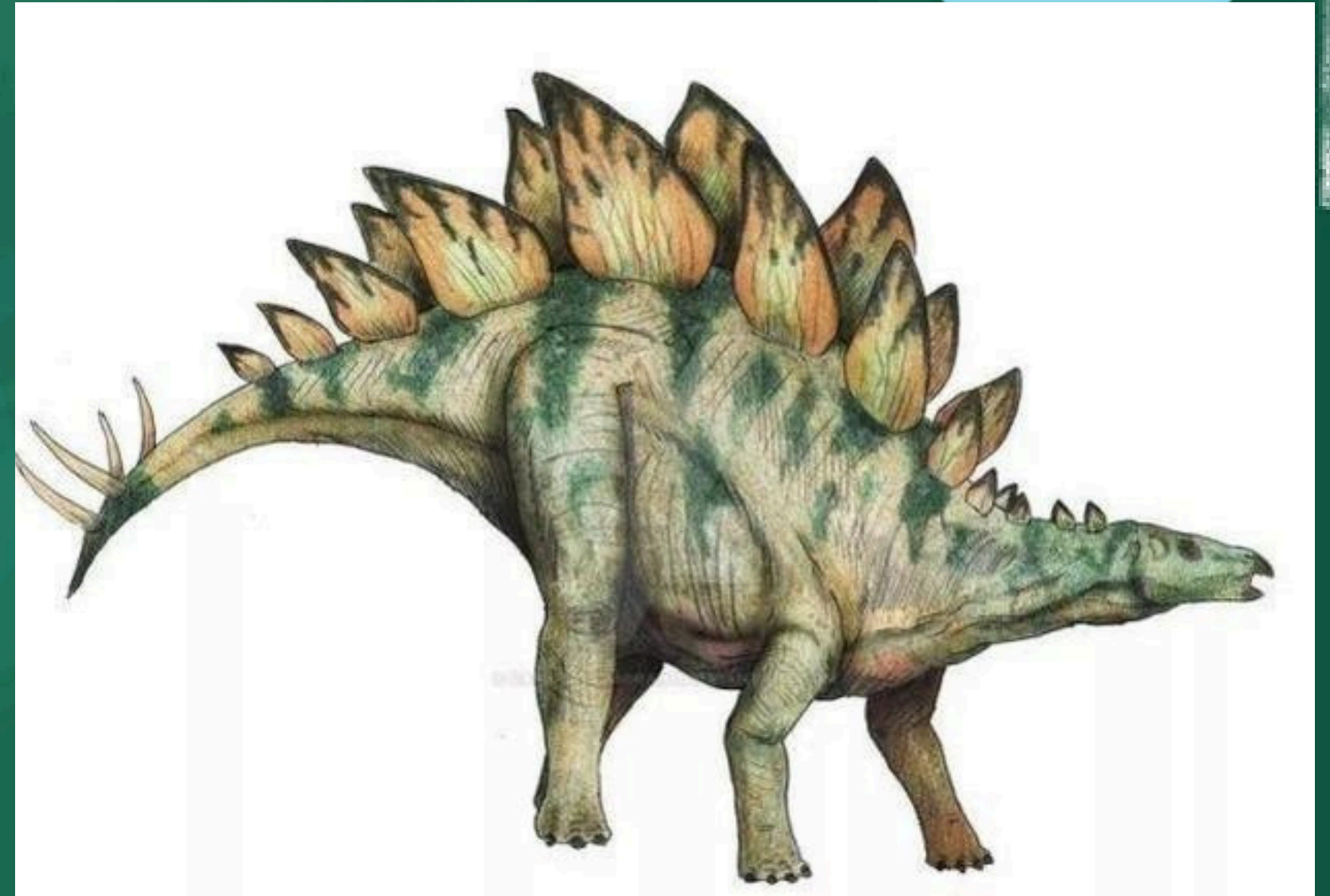
Also known as T-Rex, it was a large carnivorous dinosaur. It measured about 14 meters in length and weighed around 6.8 tons. It had small forelimbs but powerful and sturdy hind limbs.

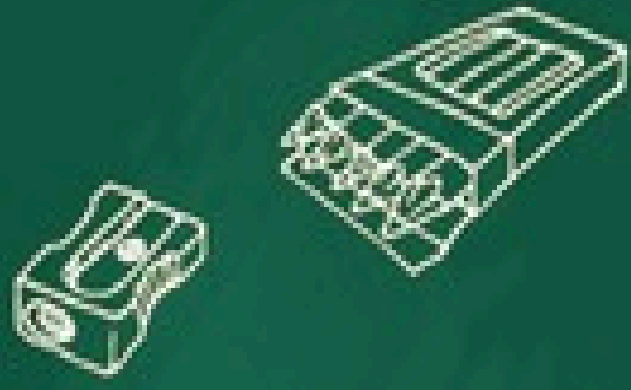




# Stegosaurus

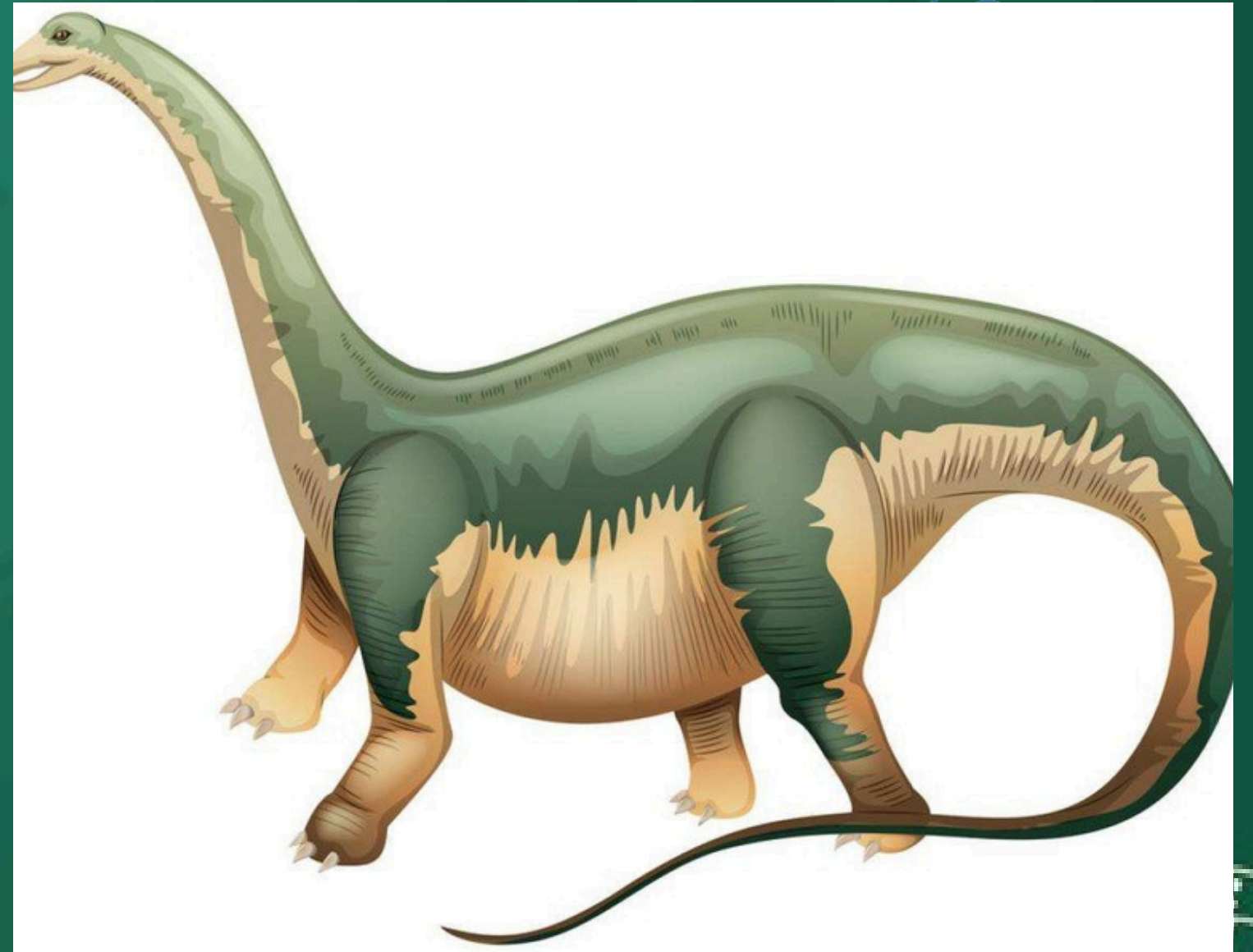
A large herbivorous dinosaur. It had a row of huge bony plates along its back, and a dangerous tail with four sharp spikes to defend itself against predators. It could grow up to 12 meters long and 7 meters tall, weighing as much as 4 tons. Its body size was comparable to that of a modern elephant, yet it had only a very small brain.

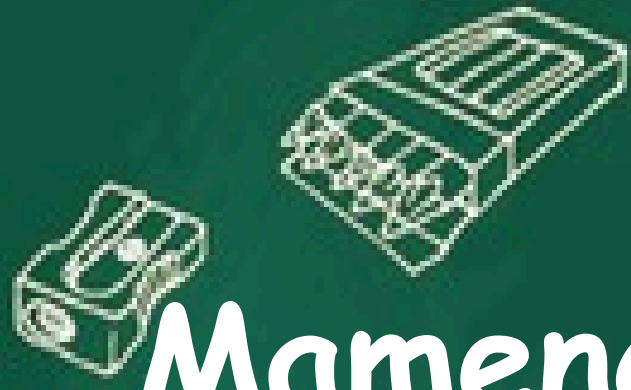




# Brontosaurus

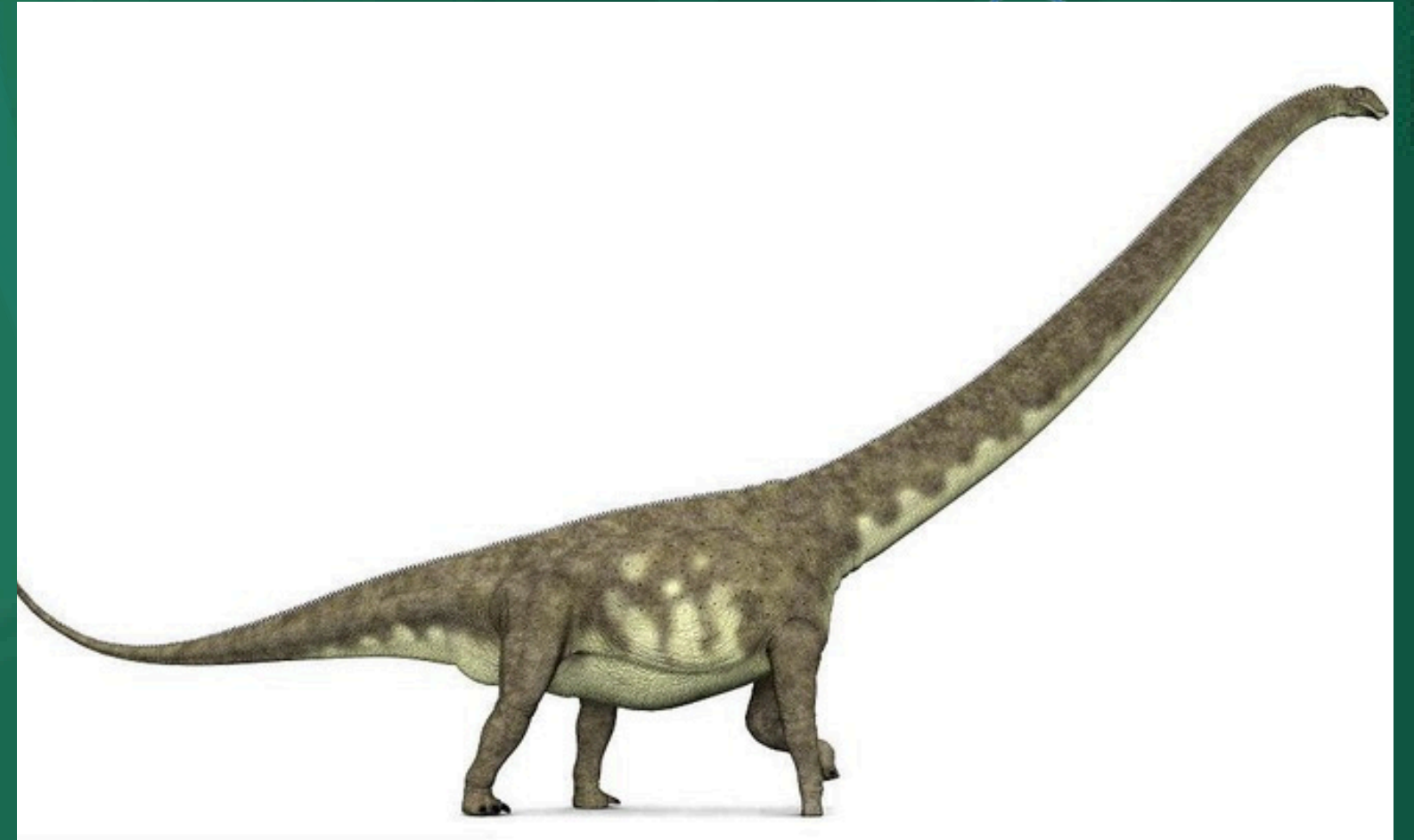
Brontosaurus was a colossal creature. Its body was heavier than six elephants combined. Every step it took would create a loud thud, sounding just like rolling thunder.

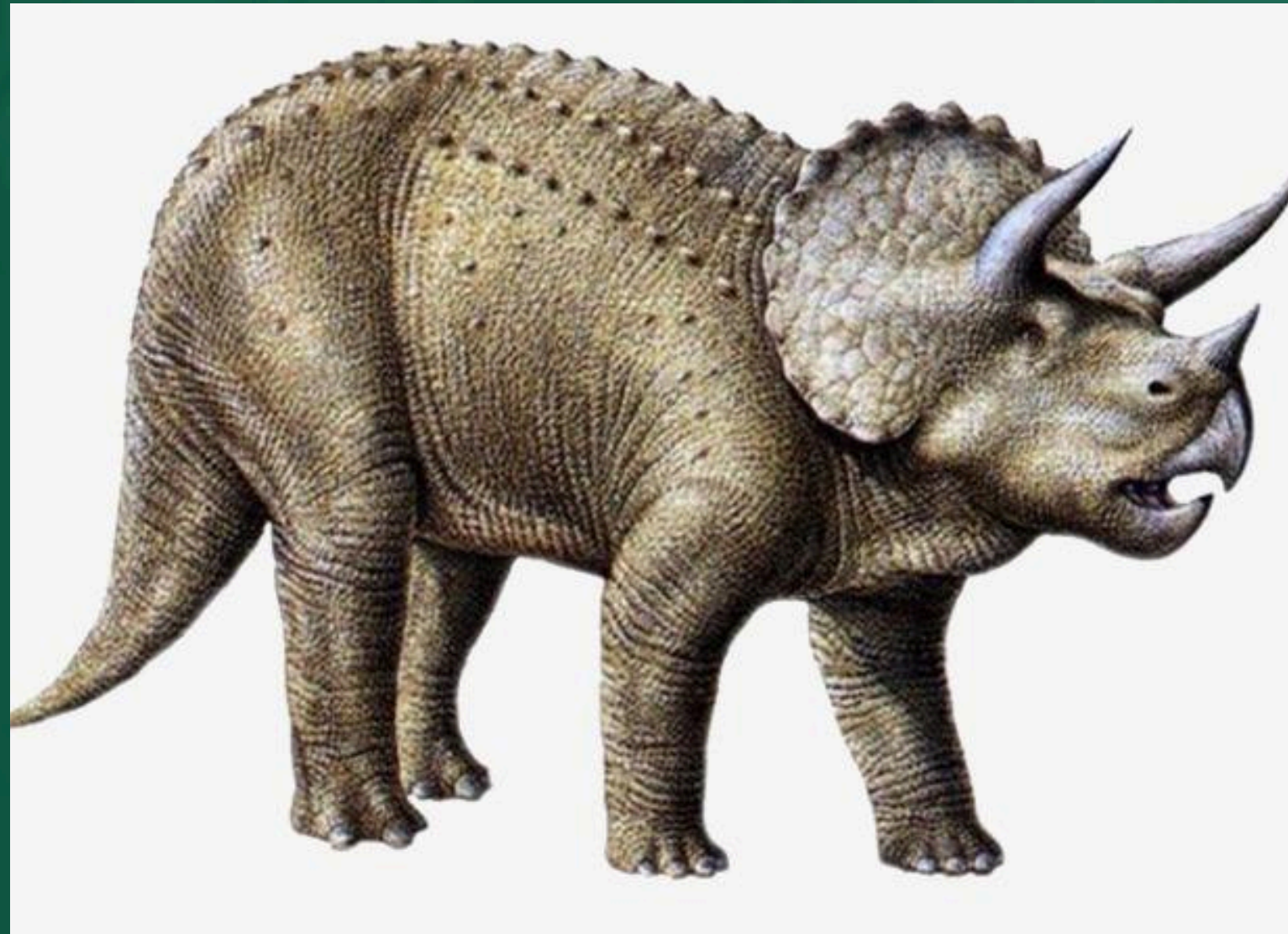
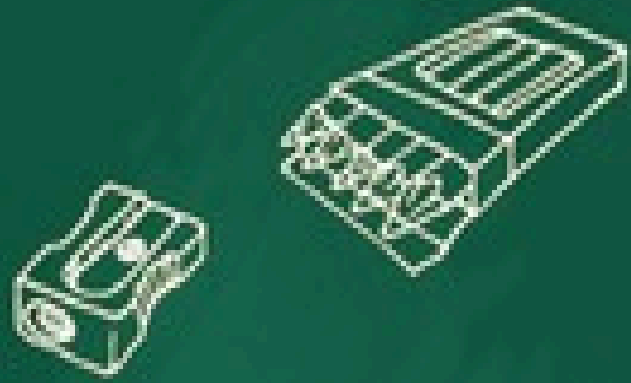




# Mamenchisaurus

The largest sauropod dinosaur ever discovered in China. This species could reach a total length of 22 meters, with a body height of nearly 4 meters. It had an exceptionally long neck — equal to half of its total body length. Its head could easily reach into the window of a room on the third floor of a building.

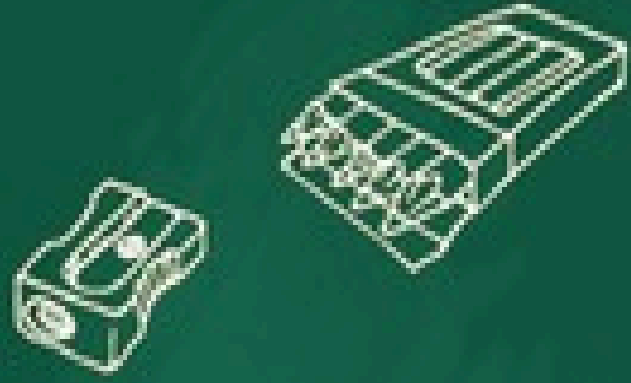


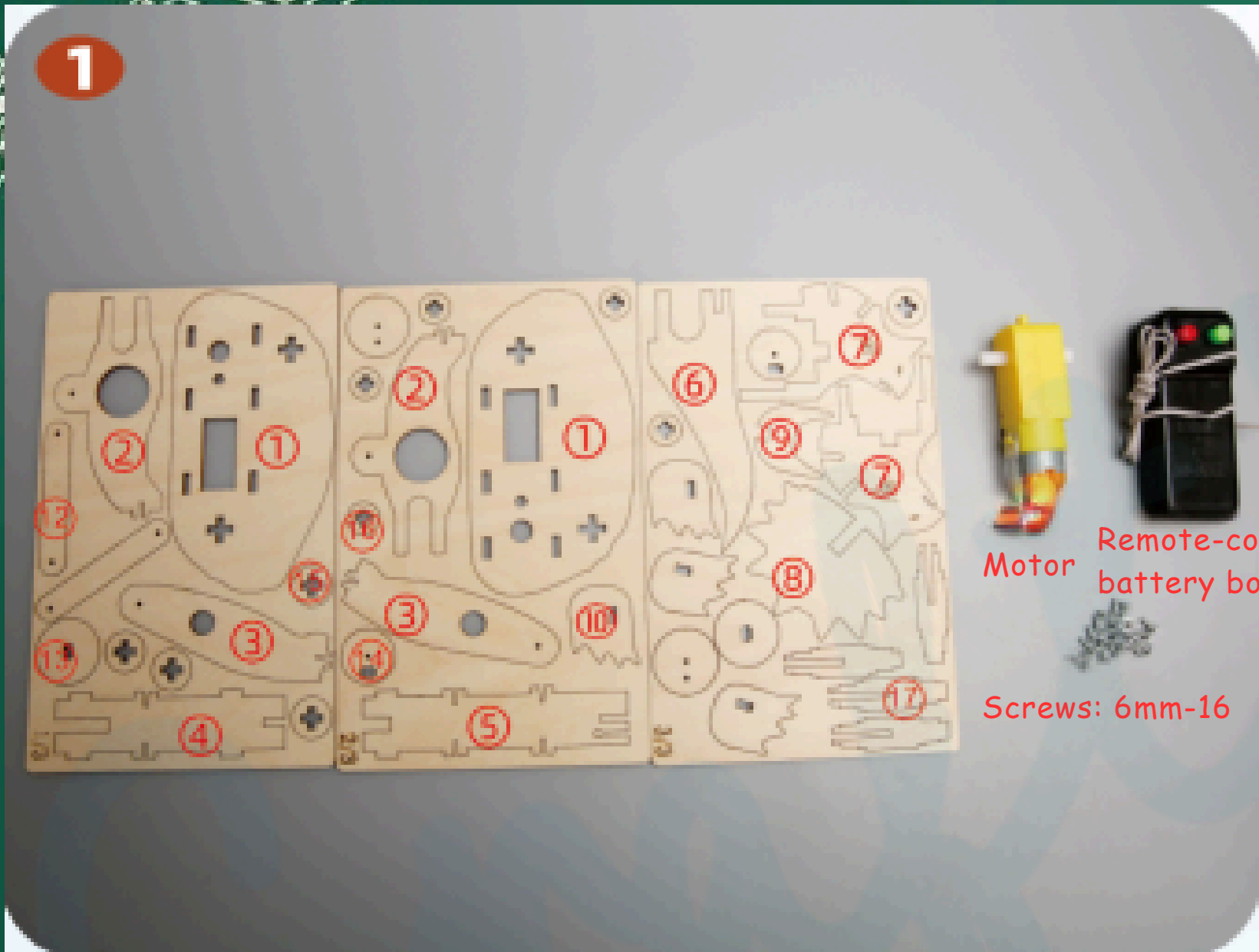


# Triceratops

Triceratops had three large horns on its face: one above its nose, and the other two above its eyes. Each horn was one meter long. Such a facial appearance would make any animal shrink back in fear.







Get to Know the Components

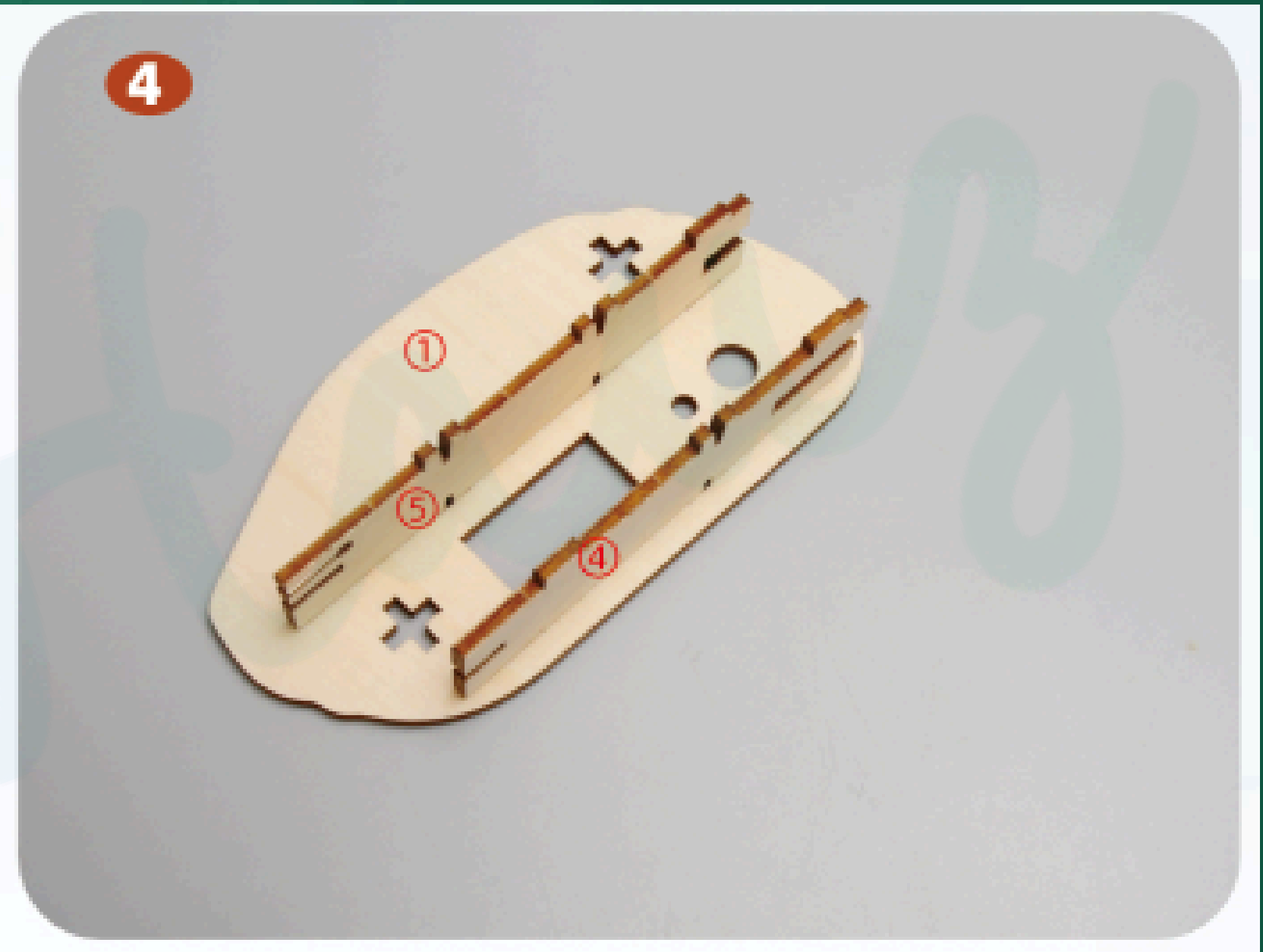


Connect the motor and the battery box wires as shown in the diagram.

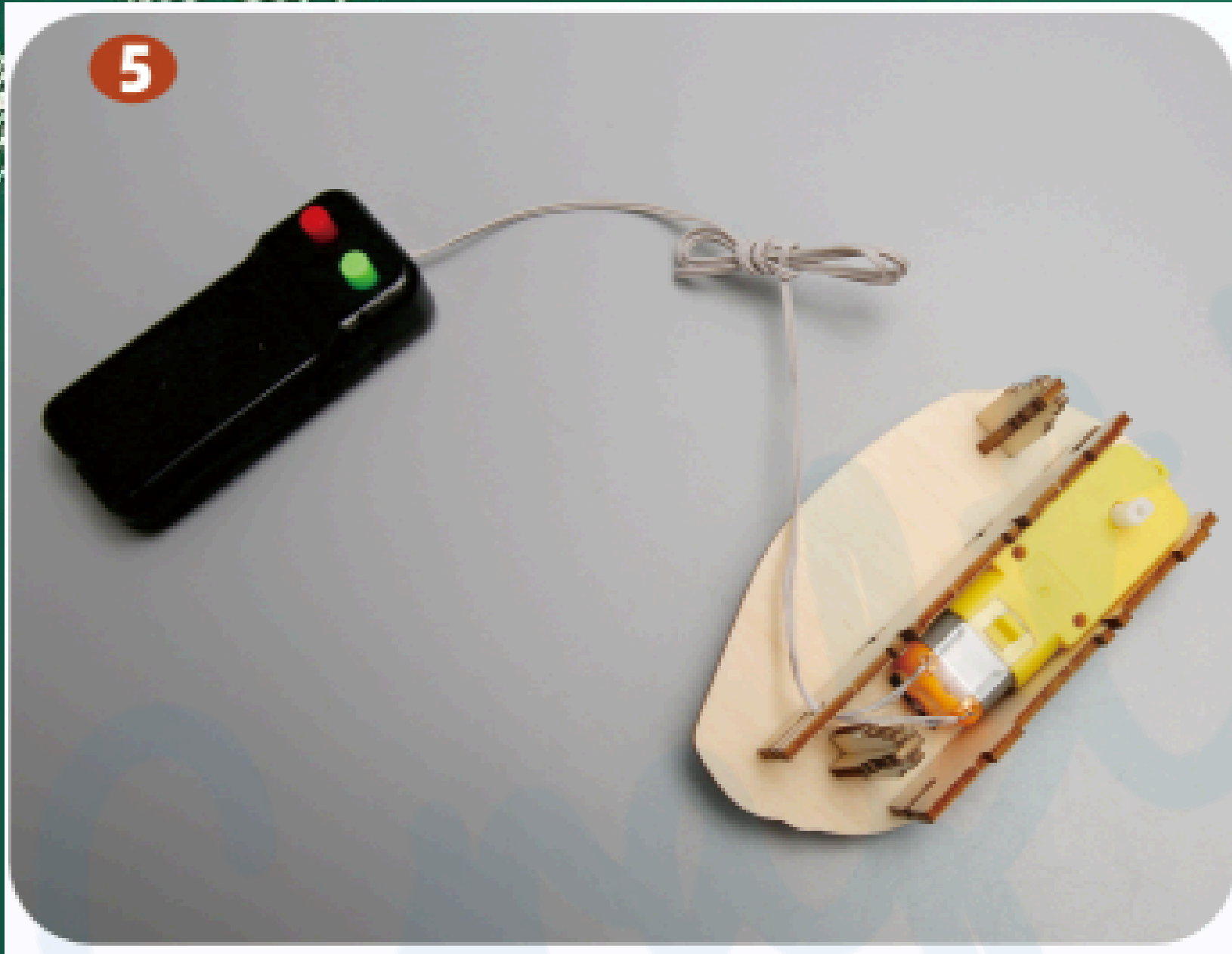




Assemble Board No.17 as shown, to form two support posts.



Combine Board No.4, No.5 with Board No.1 as shown in the diagram.



Attach the assembled support posts to the structure built in Step 4  
Place the motor in the middle position (align with the holes carefully).

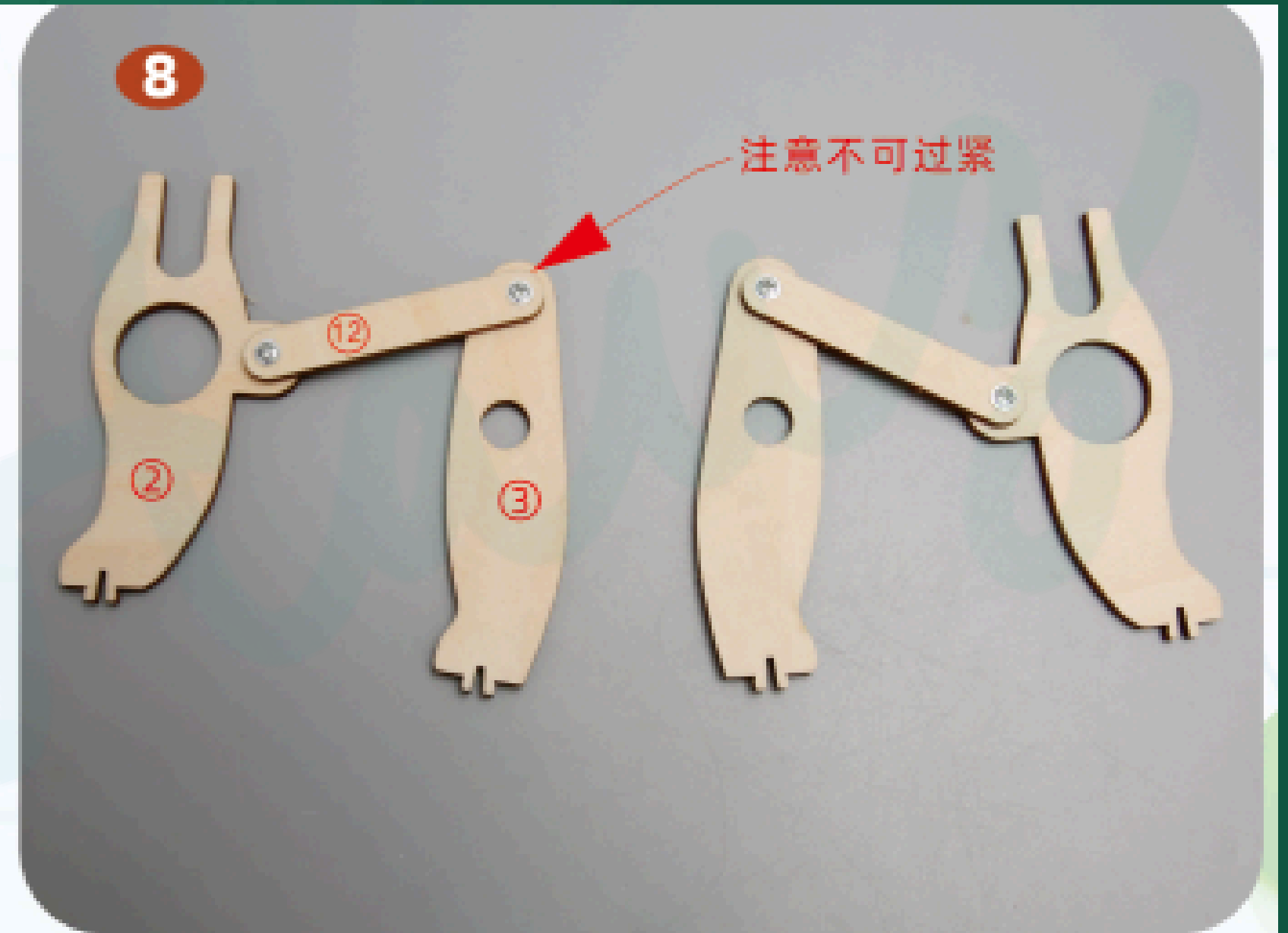
CraftHausz



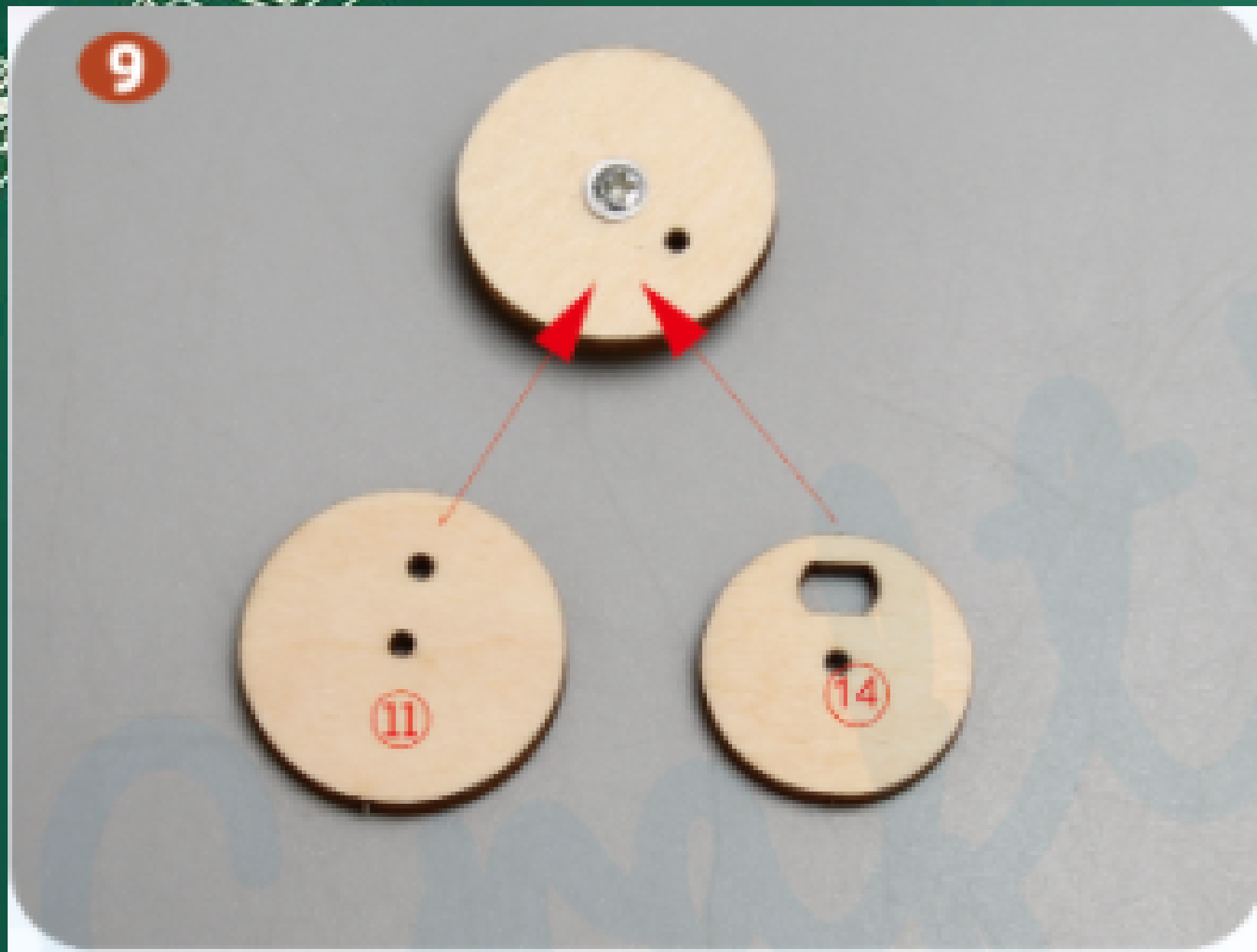
Assemble Board No.1 as shown (make sure the slot is centered).



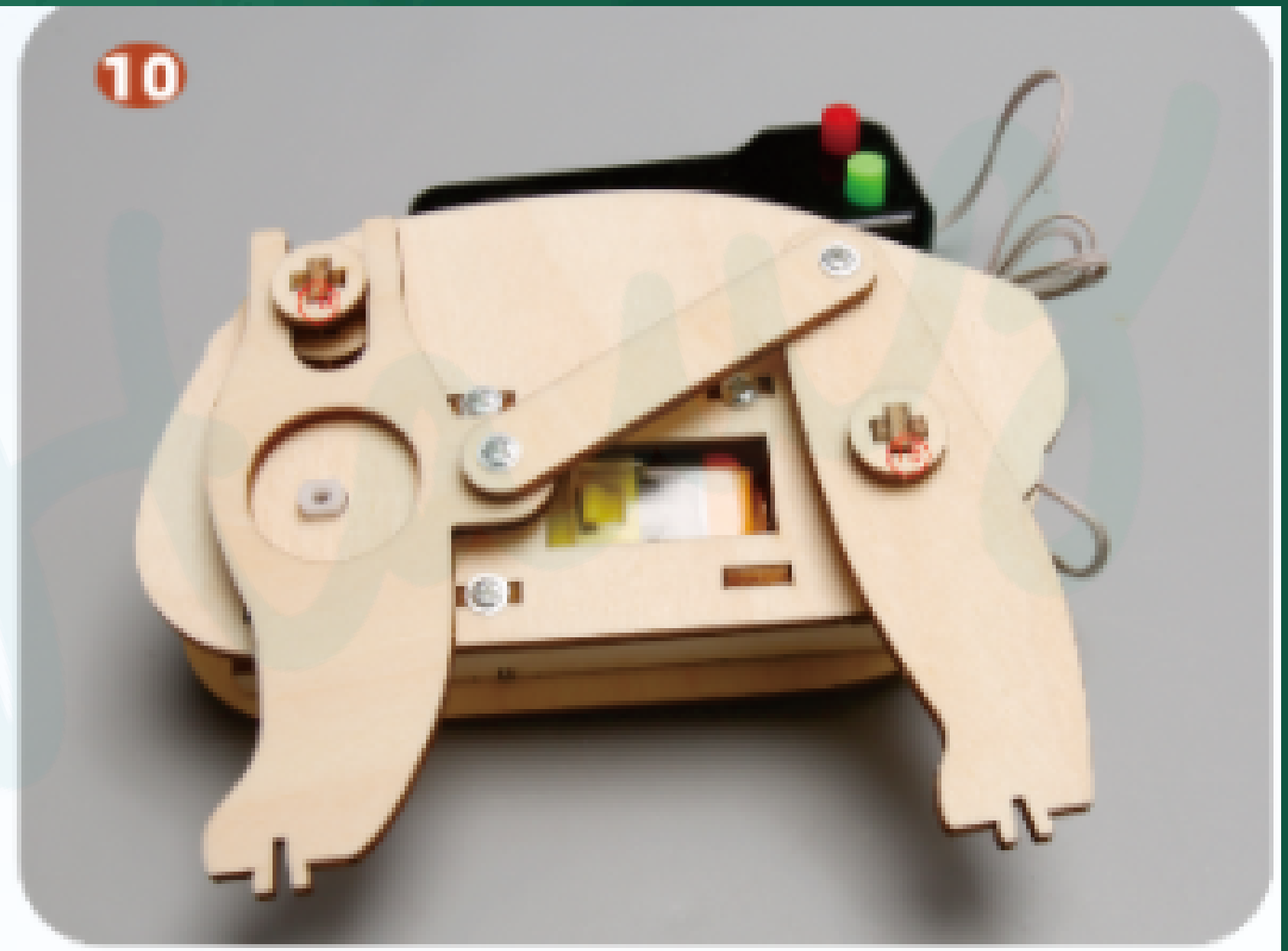
Attach Board No.13, No.15 and No.16 as shown, and fix them to Board No.1 with screws.



Attach Board No.2, No.3 and No.13 as shown, and secure with screws (do not over-tighten the screws).



Fix Boards No.11 and No.14 in place with screws as shown in the diagram.



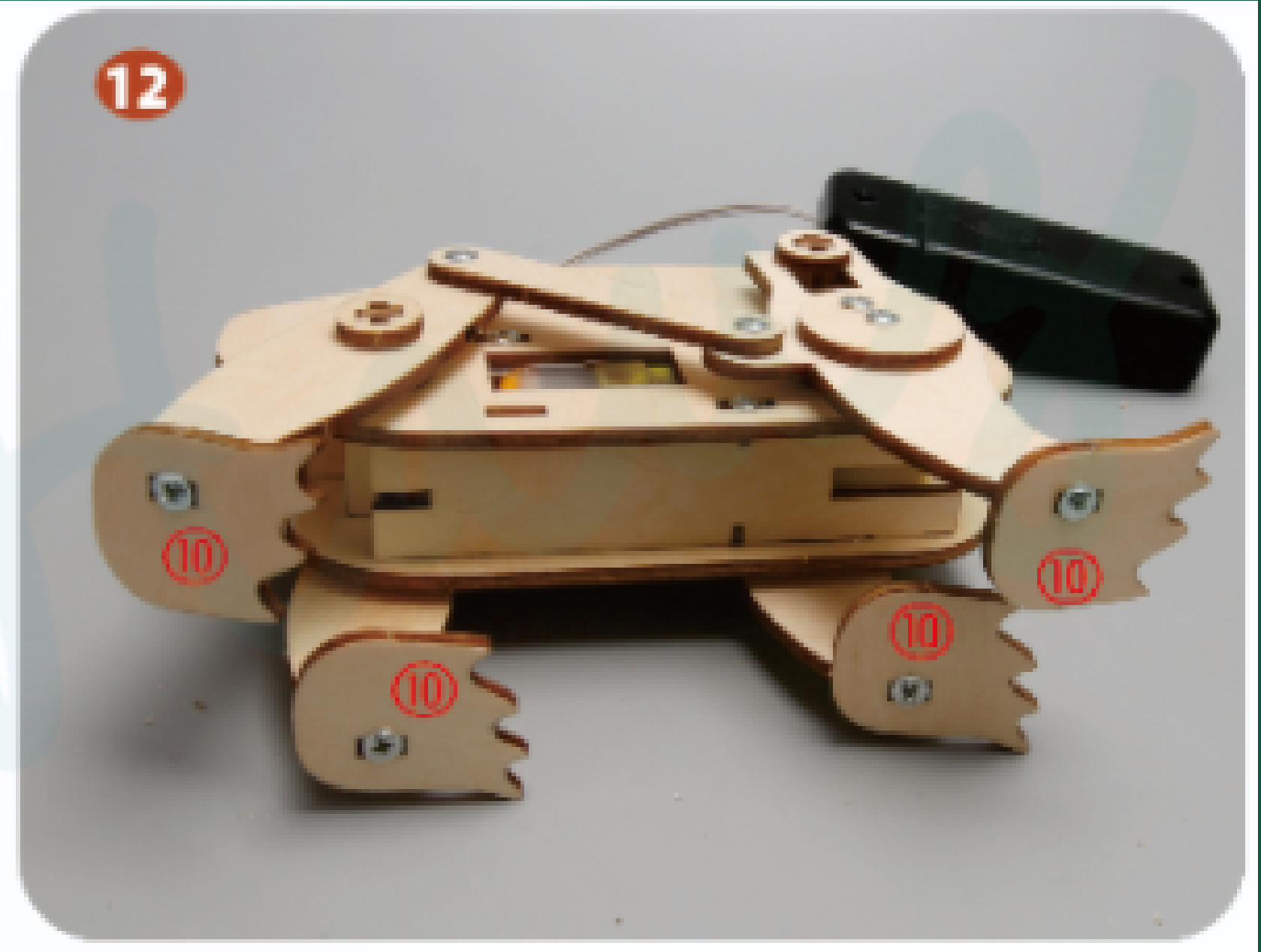
Combine the assemblies from Step 7 and Step 8, and secure them with Board No.16 as shown in the diagram.

Note: Perform the same assembly on both sides.



Combine the assemblies from Step 9 and Step 10, and fix them with screws as shown in the diagram.

Note: Do not over-tighten the screws.



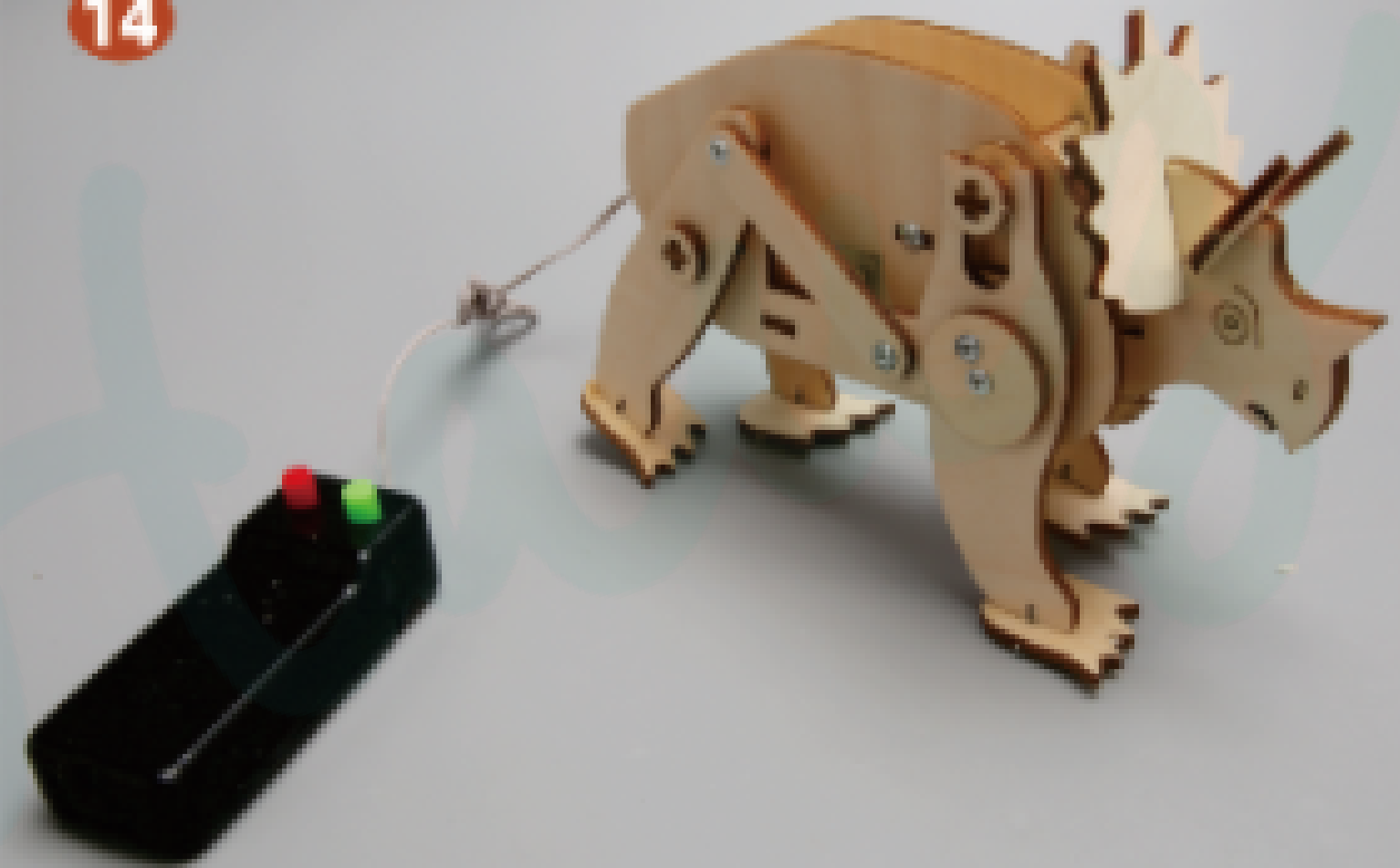
Attach Board No. 10 and secure it with screws as shown in the diagram.

Note: Keep the four legs in a offset position during assembly.

13



14

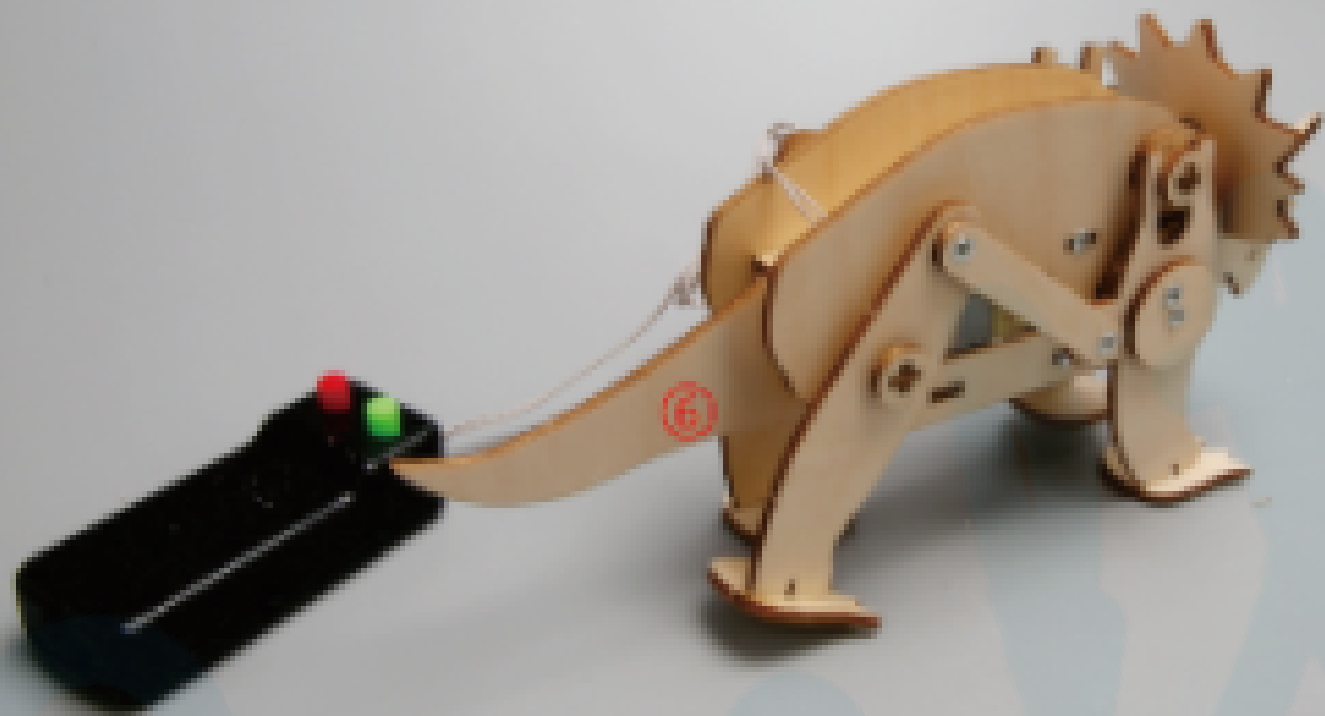


Assemble and join Boards No.7, No.8 and No.9 as shown in the diagram.

Combine the assembly from Step 12 with the assembly from Step 13 as shown in the diagram.

Note: Ensure all connecting slots are pushed fully into place until they lock.

15



16



Install Board No.6 in the position shown in the diagram.

Assembly is now complete — simply insert batteries, and the model will be able to move!





# Principles

This model kit is designed based on fossil records of Triceratops. It is a popular toy model among children, featuring a sturdy body shape, a large bony frill at the back of the skull, and three prominent horns — features that make it resemble a rhinoceros.

Triceratops was a medium-sized, four-legged dinosaur. Adults typically measured 7-9 meters in length, stood 2.4-2.8 meters tall, and weighed between 5.5 and 10 tons.

