

# THE CREATION OF DINOSAUR MODEL

## MAIASAURA AND AKAINACEPHALUS

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# CREATIVE MOTIVATION

mysterious species

**We can predict their appearance based on fossils.**

the TV program, very speculate and cool

**Because of outcomes of the questionnaire survey in my fifth grade, I found most students just know the scientific name of dinosaur.**

let them learn dinosaurs more



# THE INTRODUCTION OF AKAINACEPHALUS

## Characteristics

There are many bone protuberances above and above the head.



# THE INTRODUCTION OF AKAINACEPHALUS

## Discovery and Excavation time

The fossils of the Akainacephalus, found by **Scott Richardson in 2008**, who was **the employee of the U.S. Federal Land Administration.**



# TOOLS

Description

Pictures

Tools



# BEFORE MAKING DINOSAUR MODEL

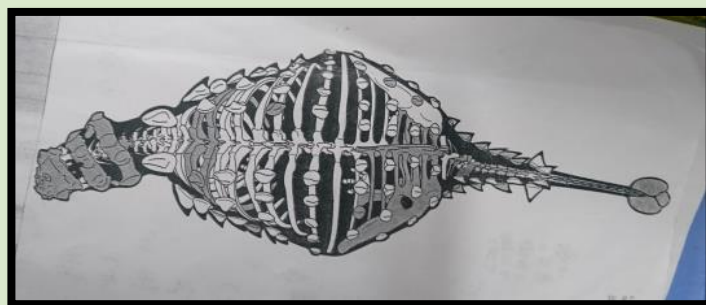
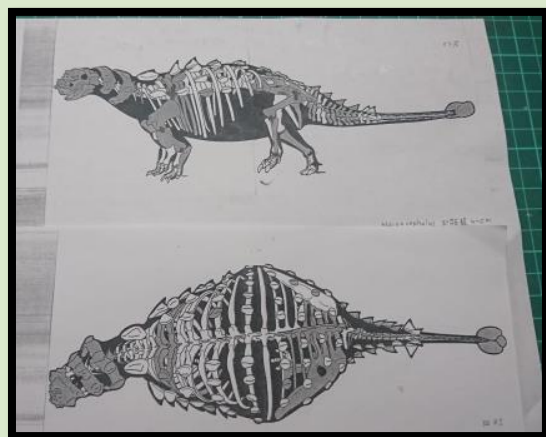
1. Search for data : Online 、 books
2. Read the information
3. Organize it



# PROPORTION



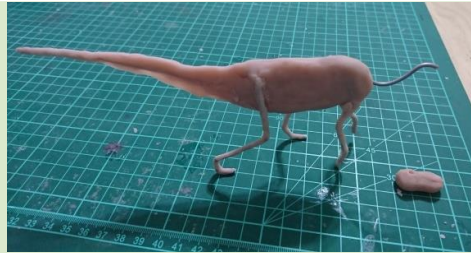
Print the bone diagram and reference diagram  
in the desired proportion



# COMMON CREATIVE PHASE

Akainacephalus

Maiasaura



**phase1**

Finish the head and torso

**phase2**

Finish the tail, limbs and skin

**phase3**

color it





# START

**Aluminum wire with the length of the spine cut  
(1cm in the place connected to the skull)**



Cut the length of the front and rear limbs of the aluminum wire  
Each joint should be marked in the bone map and aluminum on line  
Aluminum wire in the middle to add 1 cm or so (to be tied to the spine)



# PHASE 1

PHASE 1

**Finish the head and torso**

Finish the head and torso

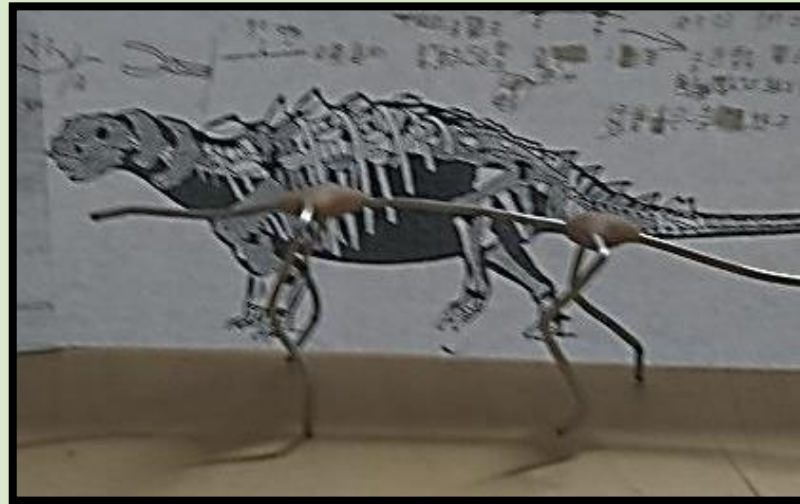
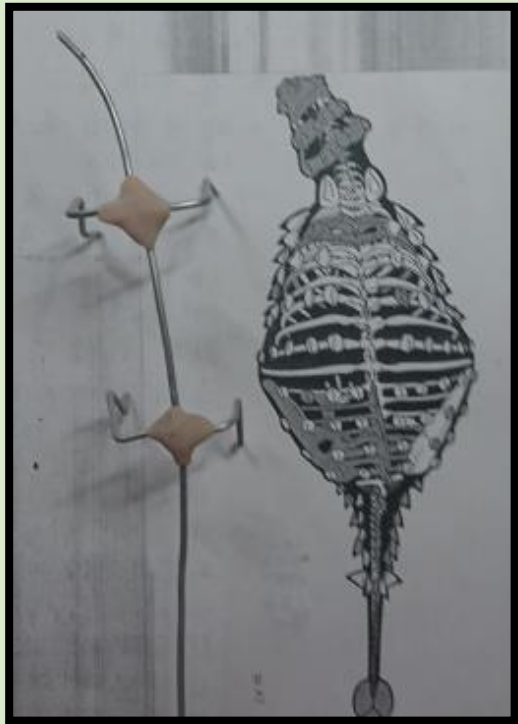


**Tie the front and rear limbs**

**Add the American soil to hold the connection**

**Put in the oven**

**(100~110 degrees bake for 15-20 minutes,  
static cooling until the oven will not be warm)**



**Make the width and shape of the back**  
**Put it in the oven**



# PHASE 2

PHASE 2

**Finish the tail, limbs and skin**

Finish the tail, limbs and skin



**Wrap the limbs up to the part of the tail**  
**A thin layer of the American soil**  
**Put them in the oven**



**Make the thickness, shape of the belly  
and the rudiment of the tail hammer**  
**Put it in the oven**





**Make the ball of the eye-clay (fit into the skull)**

**Put it in the oven**

**Make eyelids on the skull**

**Put them in the oven**



**Make the thickness of its tail  
put it in the oven**



**Drill a hole in the skull**

**Insert an aluminum wire**



**Make its neck**  
**Stick its head**  
**put it in the oven**



The tattoo, angle, chin nose, and transverse bone protrusion above the mouth are made.



**Make a tattoo of the skin on the back**

**Put it in the oven**



# LEGS

Make the shape of the thigh

Put it in the oven



Put the muscles on its calf up.



Make its toes

Put them in the oven



**Make the skin tattoo of the back**  
**Put it in the oven**





# SKIN

**Draw some patterns  
on its stomach and feet that look like leather.**



# PHASE 3

ULTRAVIOLET ☺

color it

COLOR IT



DIFFERENCES OF

DILLETTANCES OF

MAIASAURA

AND

AKAINACEPHALUS

# THE INTRODUCTION OF MAIASAURAS

## Age of existence

Maiasaura has a large duck beak

living in **the Cretaceous**  
about **74 million years ago**



# THE INTRODUCTION OF MAIASAURAS



## Characteristics

The face of a Maiasauras looked like a duck's face.

It had **no teeth in its beak**, but it had teeth on both sides of its mouth.



# THE INTRODUCTION OF MAIASAURAS

## Characteristics

Maiasaura walked on four legs, ran with two legs, and **they ran fast.**

The Maiasaura **gave birth to the little dinosaur** in his nest and **looked after her children.**



# PHASE 2

PHASE 2

**Finish the tail, limbs and skin**

Finish the tail, limbs and skin



Make a thin piece of  
the width and shape of the belly  
Put it in the oven

Make the thickness and shape of stomach  
and the tail  
Put it in the oven

# Akainacephalus

Make the width and shape of the back  
Put it in the oven





# PHASE 3

color it



Pull up the pigment **with talcum powder** according to **the environment and reference map of the time.**



# EXPERIENCE

After completing the model,  
**I felt super happy.**

**It's difficult to do!**

quite a sense of **accomplishment**



# THANKS

**Thank my teachers,**

Miss. Jhang **helped me to contact Mr. Lu.**

Mr. Lu taught me **how to make dinosaur models.**

Miss. Jhang taught me **how to make a presentation.**

**Thank my parents** took me to studios in Banqiao.



# EXPECTATIONS

**In the future**

my **skill more progressive**

make **dinosaur models more sophisticated**

in order to

**let more people know dinosaurs better**



# REFERENCE

## 1. 維基百科《恐龍》

<https://zh.wikipedia.org/wiki/%E6%81%90%E9%BE%99>

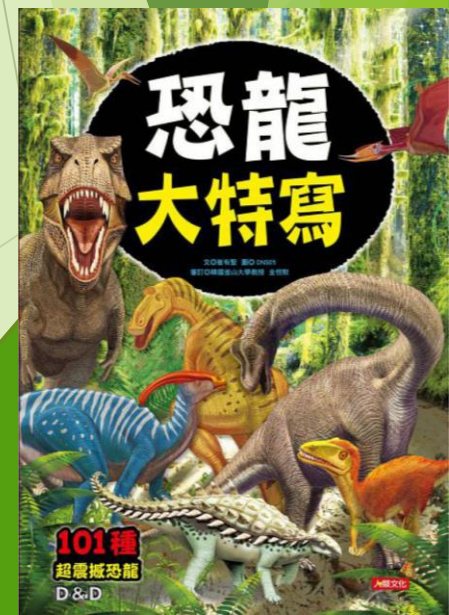
## 2. 維基百科《恐龍文藝復興》

<https://zh.wikipedia.org/wiki/%E6%81%90%E9%BE%8D%E6%96%87%E8%97%9D%E5%BE%A9%E8%88%88>

## 3. 為了保護恐龍化石，古生物學家狀告特朗普政府！

<https://zhuatlan.zhihu.com/p/40985069>

恐龍大特寫(人類文化出版)



THANK YOU!

THANK YOU!

(THANK YOU!)

