











# Let's Review!

- go to: https://kahoot.it
- enter the code!
- choose a team name!







3. Write a science paper

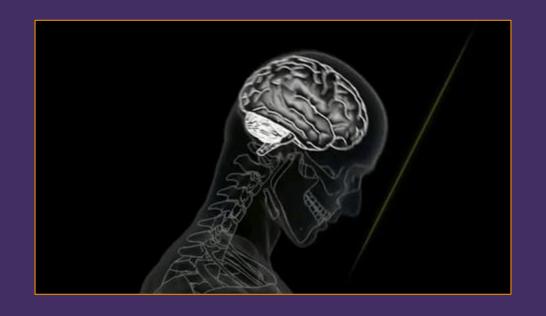


# Question

What do you want to know?









# Our Question:

What do you think



protects
the brain?

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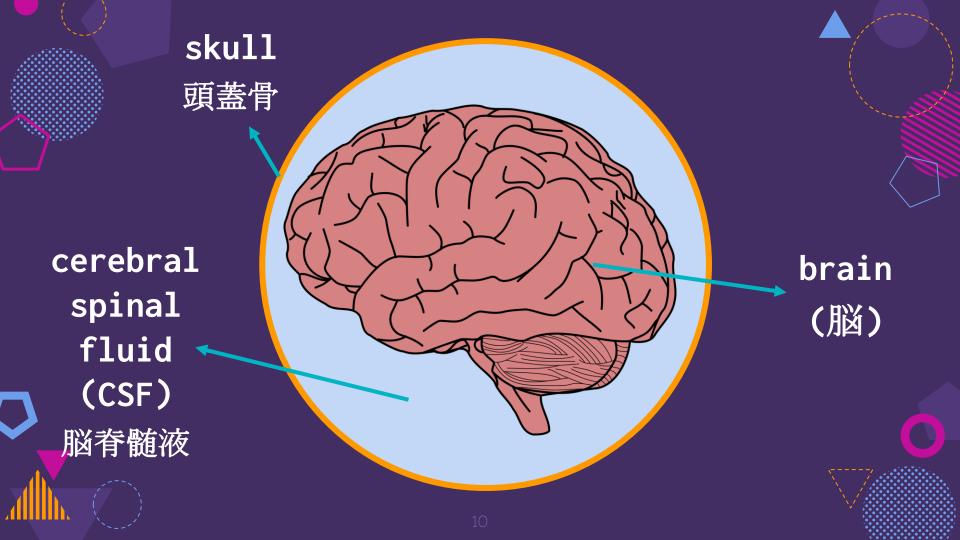
What do you think



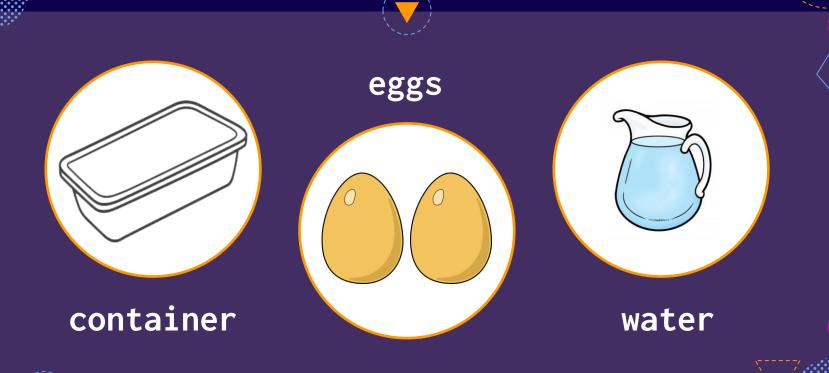
守る
protects
the brain?

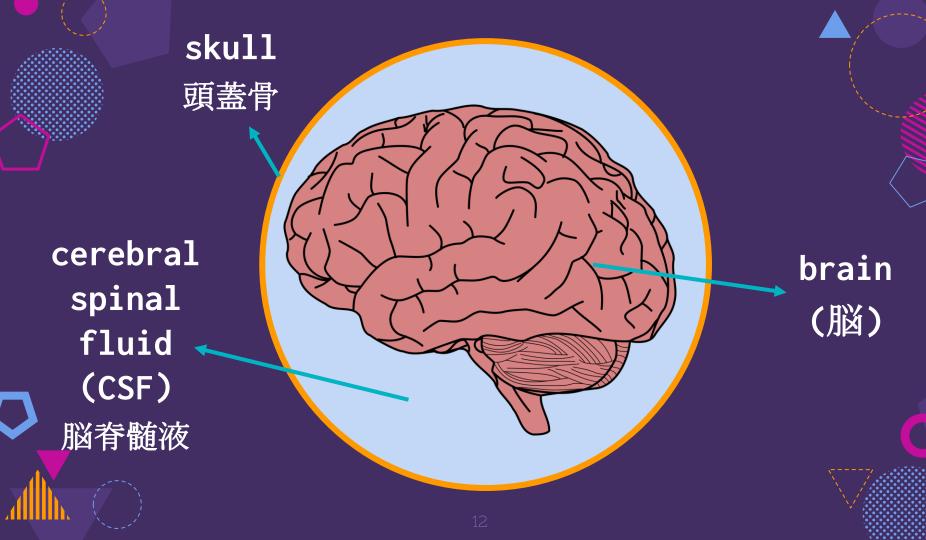




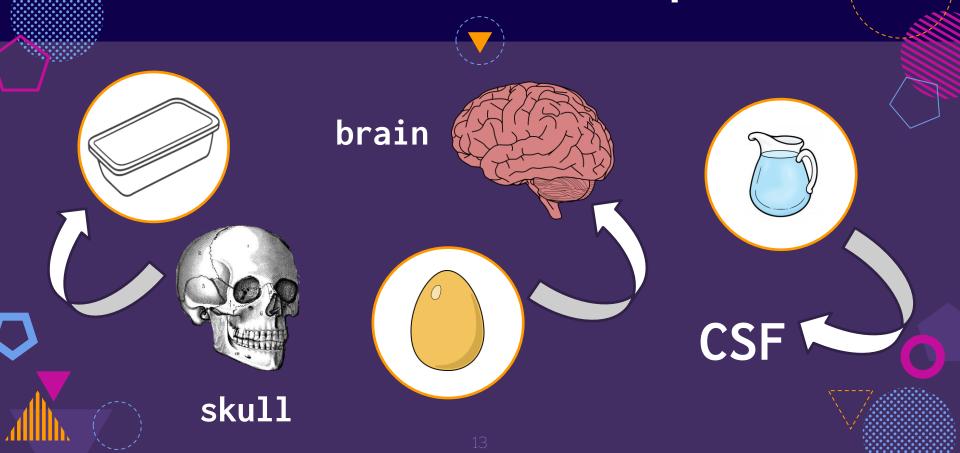


#### How can we answer our question?





#### How can we answer our question?





#### 1. Design an experiment

- 2. Do the experiment
- 3. Write a science paper



# Methods

How do we do the experiment?





## Two Groups

Experimental Group

き歌 ノーブ Control
Group

対照群

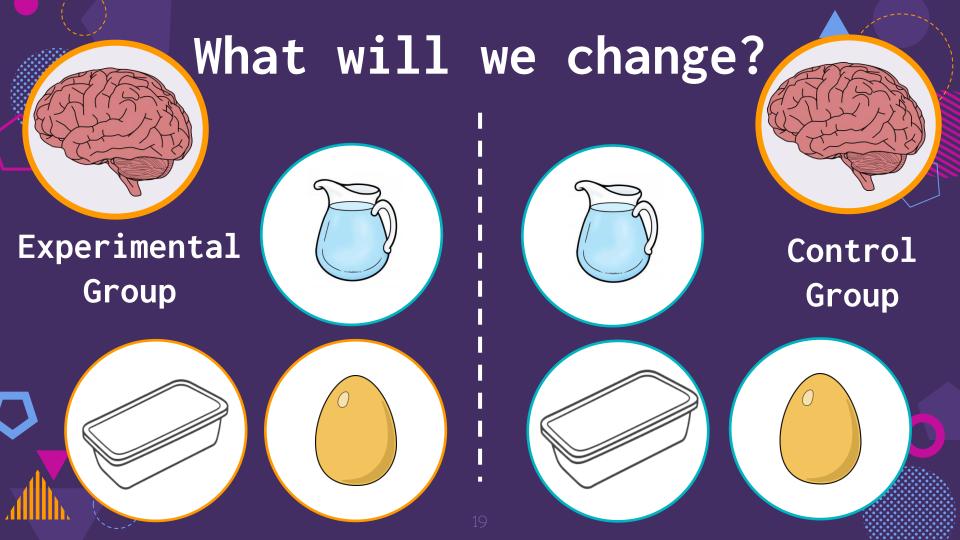


#### Two Groups

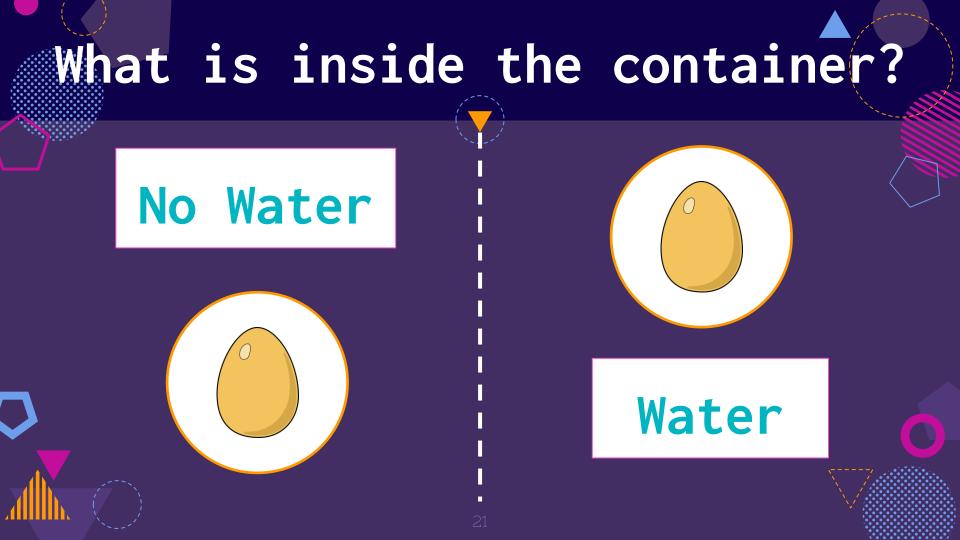
Experimental Group

夫蹶 シループ Control Group 対照群

	METHODS - Control Group (対照群)	
	Put the instructions (指示) <u>in order</u> from 1 to 9.	
	Hold the container with the egg with <u>both hands</u> above the newspaper.	1
	Put the lid on the container <u>tightly</u> .	
	You will need two desks, newspaper, one container with a lid, one egg, and a water bottle.	
	Check on the egg. If the egg broke, write your group number on the Yes side of the board. If your egg did not break, write your group number on the No side of the board.	
	Carefully fill the container with water until the egg is covered with water.	
	Shake the container <u>back and forth</u> for 30 seconds. You can shake it <u>hard</u> !	
	To clean up, bring the container with the egg, the water bottle, and the newspaper to the front of the room.	(
	Take off the lid and put the egg inside the container.	
	Place newspaper on top of two desks that have been pushed together.	







## Methods



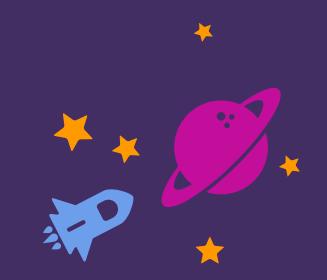
Put the egg in the container and put on the lid tightly.



Shake the container!



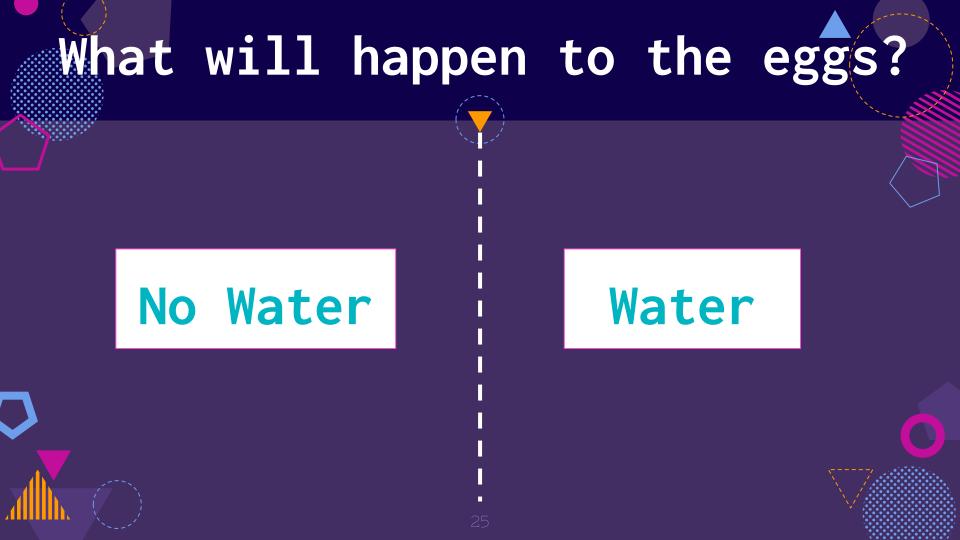
What happened to the egg? Write it down!



# Hypothesis

What do you think will happen to the eggs?





#### Making a Hypothesis

Make a <u>prediction</u>
(予測)

→ Future Tense (未来時制)

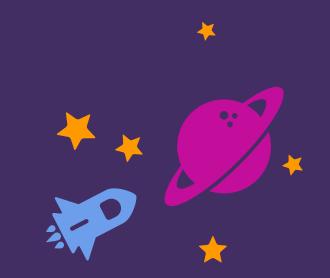
What do you think
 will happen?

→ We think...

What will be the answer
to our question?



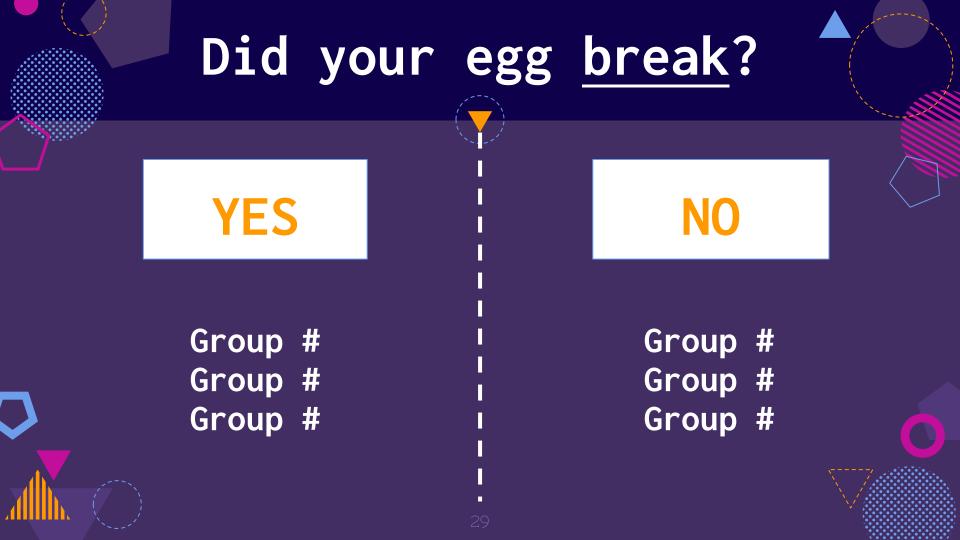
- 1. Design an experiment
  - 2. Do the experiment
- 3. Write a science paper



# Results

What happened to the eggs?







# Our Question:

What do you think



守る
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# Methods



Put the egg in the container and put on the lid tightly.



Shake the container!

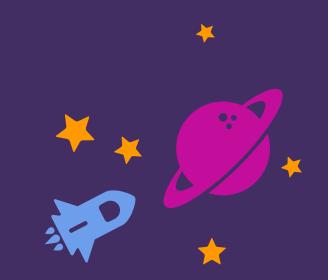


What happened to the egg? Write it down!





- 2. Do the experiment
- 3. Write a science paper



# Results

What happened to the eggs?





# Did your egg break? YES Group # Group # Group # Group # Group # Group #





## Good Job!

But what does it mean?







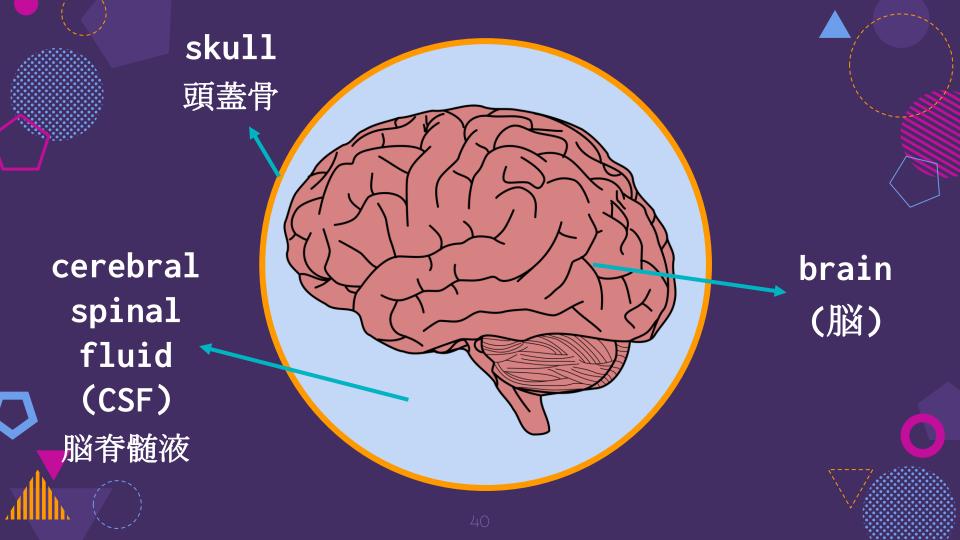


3. Write a science paper



### Introduction

What did we learn before the experiment?





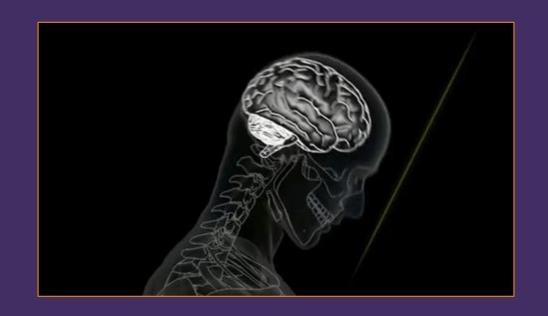
# Question

What do you want to know?





#### What do you want to know?





## Our Question:

What do you think



protects
the brain?



## Hypothesis

What did you think would happen to the eggs?



#### Reporting a Hypothesis

What <u>prediction</u> (予測) did you make? Past Tense → (過去形)

What did you think
 would happen?

→ We thought...





## Methods

How did we do the experiment?





#### Writing about Methods

Talk about what you
did

Talk about the
 equipment and
 materials you used

Talk about each step

→ Past Tense (過去形)

We used...

First / Second

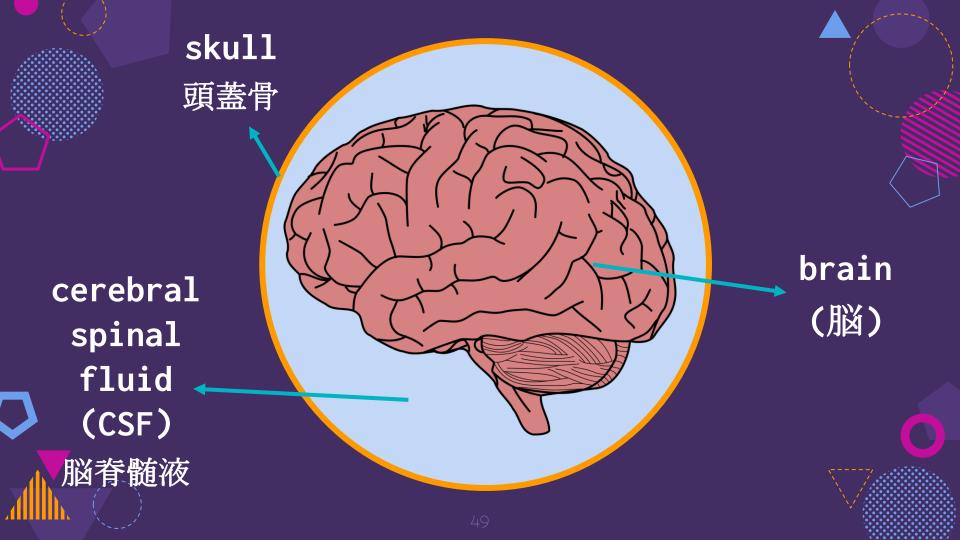
Next / Last

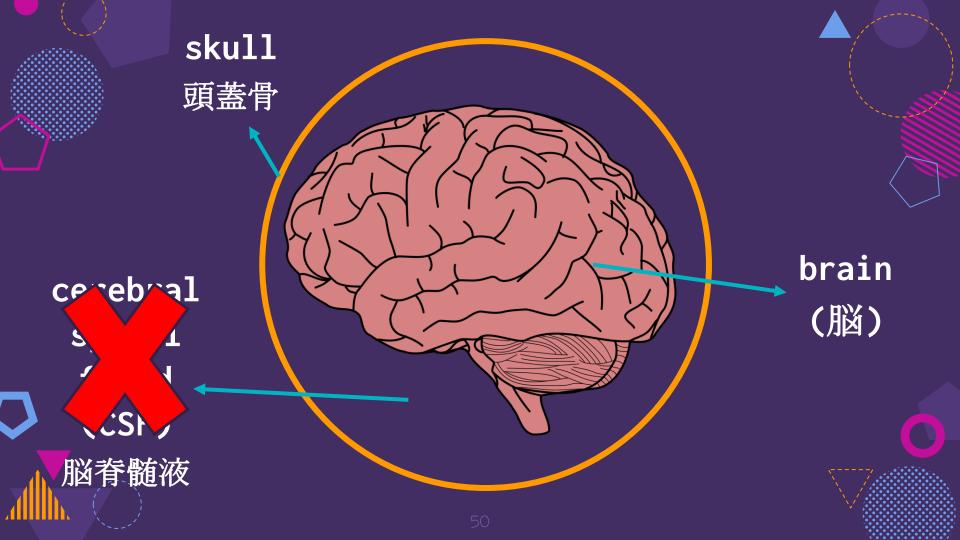
After that / Finally



## Results

What happened? What did we find out?





#### Writing Up the Results

What was your
hypothesis?
We thought..

What did you find out? → We found...

What is the <u>answer to</u>
your question?

▶Therefore...

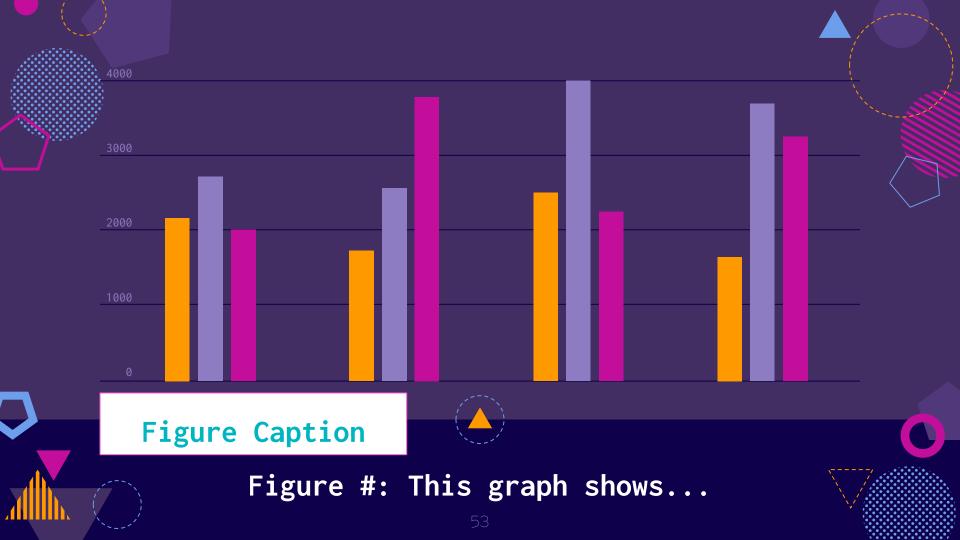


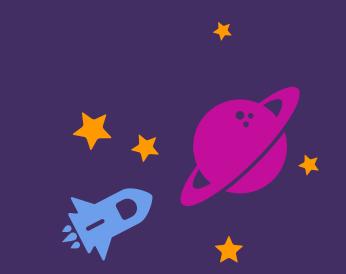
# Figures

How can we **show** our results?









## Conclusion

What do our results mean?





#### Writing a Conclusion

- Write a summary (まとめ) of what you did and what happened.
- What do the results mean?
- Think <u>BIG PICTURE</u> how do your results <u>affect the world</u>?

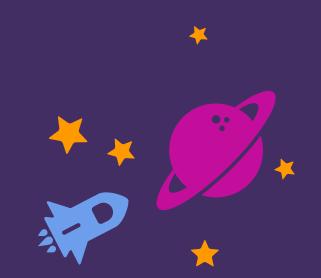
What do you want to find out

In our experiment...

Therefore...

This is important because...

→ In the future...



## Title

One-sentence summary (まとめ)

of the most important result

