

A++

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see?

① 醬油 ② juice ③ coffee ④ 醋

2. Why can't muddy water be called an aqueous solution?

Because mud can't dissolve water.

3. What happens to the salt water after the salt is dissolved in the water?

① 重量變重 ② 體積變大 ③ 消失

Language

aqueous solution 水溶液 ✓	solute 溶質 ✓	solvent 溶劑 ✓
food 食物 ✓	medicine 藥品 ✓	detergent 洗潔劑 ✓

Sentence

aqueous solution	What does matter become when it dissolves into water?
food	When people are hungry, what are they used to eating?
solvent	What can be called water in an aqueous solution?
medicine	If we are sick, what do we need to eat?
detergent	When the floor is dirty, what do we use?
solute	What is the dissolved substance in an aqueous solution called?

Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off?

大氣壓力

2. Why the liquid exchange effect is different?

Because blue cup has salt, so it 密度高。

3. What else can be substituted for salt?

sugar

Aqueous solution- Dissolution phenomenon

A++

Warmer

1. In daily life, which aqueous solutions do you see?

① Juice ② 醬油 ③ 酒精

2. Why can't muddy water be called an aqueous solution?

因為 mud can't dissolve water.

3. What happens to the salt water after the salt is dissolved in the water?

重量會變重 ② 質積變大 ③ 消失

Language

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1. Why won't the paper fall off?

大氣壓力

2. Why the liquid exchange effect is different?

Because blue cup has salt, so it is 吸水的

3. What else can be substituted for salt?

Sugar

A+

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see?

milk, soda, soap

2. Why can't muddy water be called an aqueous solution?

NO! 因為泥巴不能溶解。

3. What happens to the salt water after the salt is dissolved in the water?

1. 水溫會升高
2. 重量會變大
3. 體積會變大

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑 ✓✓
food 食物 ✓	medicine 藥品 ✓✓	detergent 洗潔劑 ✓✓

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Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off?

因為大氣壓力。

2. Why the liquid exchange effect is different?

因為藍色裡面有鹽巴。

3. What else can be substituted for salt?

1. 糖 2. 澱粉

A++

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see?

soda, cola, juice, coffee, tea

2. Why can't muddy water be called an aqueous solution?

Because the mud can't dissolve in the water

3. What happens to the salt water after the salt is dissolved in the water?

1. salt will be disappeared

3. 體積變大

2. The water is lighter than salt water

Language

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1. Why won't the paper fall off?

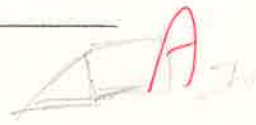
Because there isn't any air in the cup, so the paper can not fall off.

2. Why the liquid exchange effect is different?

Because the saltwater is heavier than the water.

3. What else can be substituted for salt?

Sugar



Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see?

soda. 汽水, 果汁

2. Why can't muddy water be called an aqueous solution?

泥水不能溶解

3. What happens to the salt water after the salt is dissolved in the water?

the salt will be ?

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
food 食物	medicine 藥品	detergent 洗潔劑

Sentence

aqueous solution	What does <u>matter</u> become when it dissolves into <u>water</u> ?
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Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off ?

No air in the cup
~~air~~
air

2. Why the liquid exchange effect is different ?

salt in the blue water

3. What else can be substituted for salt ?

Sugar

林小梅

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see?

soda, juice, tea, milk ✓

A

2. Why can't muddy water be called an aqueous solution?

因為泥巴不能溶在水中。

3. What happens to the salt water after the salt is dissolved in the water?

體積會變大, 水會變多 ✓

Language

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Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off?

大氣壓力吸住了 ✓

2. Why the liquid exchange effect is different?

有鹽巴, 讓藍色較重 ✓

3. What else can be substituted for salt?

糖 ✓

A++

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see?

soda, juice, tea, coffee

2. Why can't muddy water be called an aqueous solution?

Because the 泥巴 can't 溶解 in the water

3. What happens to the salt water after the salt is dissolved in the water?

重量會變重、高度會變高、體積會變大。

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
food 食物	medicine 藥品	detergent 洗潔劑

Sentence

aqueous solution	What does ^{事情} matter become when it dissolves into water?
food	When people are hungry, what are they used to eating?
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Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off ?

Because 大氣壓力。

2. Why the liquid exchange effect is different ?

Because 藍色杯子有鹽, 所以密度較大。

3. What else can be substituted for salt ?

糖

A+

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see?

juice, soda, tea, oh ya! 很多 food 都是 aqueous solution.

2. Why can't muddy water be called an aqueous solution?

因為 mud can't 溶解在 water 裡.

3. What happens to the salt water after the salt is dissolved in the water?

Salt water 會比 water 重, 水位升高, Salt 會不見.

Language

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Sentence

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aqueous solution

solute

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1. Why won't the paper fall off?

大氣壓力

2. Why the liquid exchange effect is different?

因為 blue water 有 salt.

3. What else can be substituted for salt?

用糖粉

Aqueous solution- Dissolution phenomenon

A

Warmer

1. In daily life, which aqueous solutions do you see? soda, juice, milk

2. Why can't muddy water be called an aqueous solution? 因為泥巴沒辦法溶解

3. What happens to the salt water after the salt is dissolved in the water?

① 水會變鹹 ② 湯變鹹

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
food 食物	medicine 藥品	detergent 洗潔劑

Sentence

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Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off?

大氣壓力

2. Why the liquid exchange effect is different?

Because blue?

3. What else can be substituted for salt?

小蘇打

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see?

tea, Juice, soda, glue

2. Why can't muddy water be called an aqueous solution?

because 泥巴無法在水中 dissolve

3. What happens to the salt water after the salt is dissolved in the water?

水位會升高。
重量變重。
鹽巴不見。

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
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Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off?

大氣壓力

2. Why the liquid exchange effect is different?

因為藍色有鹽巴, 所以會比較重

3. What else can be substituted for salt?

糖

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see? soda, juice, glue, milk tea ✓

2. Why can't muddy water be called an aqueous solution?

because can't dissolve ✓

3. What happens to the salt water after the salt is dissolved in the water?

鹽巴變不見 體積變大 重量變重 ✓

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
food 食物	medicine 藥品	detergent 洗潔劑

Sentence

<u>solute</u>	What does matter become when it dissolves into water?
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detergent	When the floor is dirty, what do we use?
<u>aqueous solution</u>	What is the dissolved substance in an aqueous solution called?

aqueous solution

solute

✓ 8 8 8 8 8 8 8 8

Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off? 裡面沒空氣 有大氣 ✓

2. Why the liquid exchange effect is different?

鹽巴讓藍色變重 ✓

3. What else can be substituted for salt?

sugar ✓

A14

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see?

soda, tea, milk ✓

2. Why can't muddy water be called an aqueous solution?

因為泥巴無法溶解在水裡 ✓

3. What happens to the salt water after the salt is dissolved in the water?

重量不變 體積變大 ✓

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
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大、鹽巴會消失

Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off?

因為裡面沒有空氣 ✓

2. Why the liquid exchange effect is different?

藍色的水比較重 ✓

3. What else can be substituted for salt?

糖 ✓

A+1f

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see?

汽水、可樂、茶、牛奶 ✓

2. Why can't muddy water be called an aqueous solution?

因為泥巴不能溶解在水裡 ✓

3. What happens to the salt water after the salt is dissolved in the water?

重量變重、水位變高、鹽巴消失 ✓

Language

aqueous solution 水溶液 ✓	solute 溶質 ✓	solvent 溶劑 ✓
food 食物 ✓	medicine 藥品 ✓	detergent 洗潔劑 ✓

Sentence

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Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off ?

大氣壓力 ✓

2. Why the liquid exchange effect is different ?

因為鹽巴造成重量變重 ✓

3. What else can be substituted for salt ?

糖、溫泉粉 ✓

A++

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which **aqueous solutions** do you see?

juice. coffe. tea. soda.

2. Why can't muddy water be called an aqueous solution?

Because muddy can't dissolve in water.

3. What happens to the salt water after the salt is dissolved in the water?

「g」 would be harder

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
food 食物	medicine 藥品	detergent 洗潔劑

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Experiment

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1. Why won't the paper fall off?

大氣壓力

2. Why the liquid exchange effect is different?

因為「鹽巴」造成重量變重。

3. What else can be substituted for salt?

糖. 溫泉粉

A4

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see? soda, milk, 酒精 ✓
2. Why can't muddy water be called an aqueous solution? Because the muddy water can't dissolve any thing. ✓
3. What happens to the salt water after the salt is dissolved in the water? 重量會變重。 ✓

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
food 食物	medicine 藥品	detergent 洗潔劑

Sentence

<u>aqueous solution</u>	What does matter become when it dissolves into water?
<u>food</u>	When people are hungry, what are they used to eating?
<u>solvent</u>	What can be called water in an aqueous solution?
<u>medicine</u>	If we are sick, what do we need to eat?
<u>detergent</u>	When the floor is dirty, what do we use?
<u>solute</u>	What is the dissolved substance in an aqueous solution called?

Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off? 大氣壓力 ✓
2. Why the liquid exchange effect is different? 藍色的水比較重 (密度大)
3. What else can be substituted for salt? Sugar ✓

A++

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see? *soda, milk, 醋*
2. Why can't muddy water be called an aqueous solution? *Because the muddy water can't dissolve anything.*
3. What happens to the salt water after the salt is dissolved in the water? *The weight will be heavier.*

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
food 食物	medicine 藥品	detergent 洗潔劑

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Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off? *大氣力*
2. Why the liquid exchange effect is different?
藍色的水比較稠。(密度大)
3. What else can be substituted for salt?
sugar

Aqueous solution- Dissolution phenomenon

Att

Warmer

1. In daily life, which aqueous solutions do you see?

soda · tea · milk ✓

2. Why can't muddy water be called an aqueous solution?

Because the muddy water can't dissolve anything. ✓

3. What happens to the salt water after the salt is dissolved in the water?

The weight will be heavier. ✓

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
food 食物	medicine 藥品	detergent 洗潔劑

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Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off ?

大氣壓力 ✓

2. Why the liquid exchange effect is different ?

因為藍色水比較重 密度大 ✓

3. What else can be substituted for salt ?

suger ✓

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see? soda milk ✓
2. Why can't muddy water be called an aqueous solution? 因為泥巴不能溶在水裡 ✓
3. What happens to the salt water after the salt is dissolved in the water? 重量變大 體積變大 ✓

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
food 食物	medicine 藥品	detergent 洗潔劑

Sentence

<u>aqueous solution</u>	What does matter become when it dissolves into water?
<u>food</u>	When people are hungry, what are they used to eating?
<u>solvent</u>	What can be called water in an aqueous solution?
<u>Medicine</u>	If we are sick, what do we need to eat?
<u>detergent</u>	When the floor is dirty, what do we use?
<u>solute</u>	What is the dissolved substance in an aqueous solution called?

Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off? 大氣浮 ✓
2. Why the liquid exchange effect is different? 藍水重 密度大 ✓
3. What else can be substituted for salt? 米糖 ✓

A44

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see? soda, oil, milk, tea ✓
2. Why can't muddy water be called an aqueous solution? 因為泥巴無法被水溶解。 ✓
3. What happens to the salt water after the salt is dissolved in the water? 重量會變重, 水位會升高, 鹽巴會消失。 ✓

Language

aqueous solution 水溶液	solute 溶質 ✓	solvent 溶劑
food 食物 ✓	medicine 藥品 ✓	detergent 洗潔劑 ✓

Sentence

aqueous solution	What does matter become when it dissolves into water?
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Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off? 大氣壓力 ✓
2. Why the liquid exchange effect is different? 因為鹽巴造成重量增加 ✓
3. What else can be substituted for salt? 糖 ✓

A++

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see?

soda, cola, coffee, tea, juice

2. Why can't muddy water be called an aqueous solution?

Because the mud can't dissolved in the water.

3. What happens to the salt water after the salt is dissolved in the water?

- 1 The aqueous solutions will heavier than no salt.
- 2 The aqueous solutions will morer than no salt
- 3 The salt will disapperd.

aqueous solution 水溶液	solute 溶質	solvent 溶劑
food 食物	medicine 藥品	detergent 洗潔劑

Sentence

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Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off ?

大氣壓力

2. Why the liquid exchange effect is different ?

because the blue have so much salt, and the yellow no salt. The blue is heavier than the yellow.

3. What else can be substituted for salt ?

sugar.

good!

A644

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see?

Soda, Coke, tea, juice

2. Why can't muddy water be called an aqueous solution?

因為泥巴不能在水中溶解

3. What happens to the salt water after the salt is dissolved in the water?

重量、體積會變，鹽不見

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
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Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off?

水氣壓力

2. Why the liquid exchange effect is different?

因為藍色比較重 密度較大

3. What else can be substituted for salt?

糖

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see? soda, café, tea, juice, cola, milk ✓

2. Why can't muddy water be called an aqueous solution?

Because the mud can't dissolved in the water. ✓

3. What happens to the salt water after the salt is dissolved in the water?

1. The salt is disapperd. 3. The water will be more than after ✓

2. The aqueous solution will be heavier. ✓

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
food 食物	medicine 藥品	detergent 洗潔劑

Sentence

aqueous solution	What does matter become when it dissolves into water?
food	When people are hungry, what are they used to eating?
solvent	What can be called water in an aqueous solution?
medicine	If we are sick, what do we need to eat?
detergent	When the floor is dirty, what do we use?
solute	What is the dissolved substance in an aqueous solution called?

Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off ?

Because have 大氣壓力 ✓

2. Why the liquid exchange effect is different ?

Because blue water have salt, yellow water doesn't have salt. ✓

3. What else can be substituted for salt ?

suger ✓

good!

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see? soda . juice tea coffee cola

2. Why can't muddy water be called an aqueous solution?

Because the mud can't dissolved in the water

3. What happens to the salt water after the salt is dissolved in the water?

① 水溶液重量會變重 ② 體積變大 ③ 鹽會消失不見

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
food 食物	medicine 藥品	detergent 洗潔劑

Sentence

aqueous solution	What does matter become when it dissolves into water?
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Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off ?

大氣壓力

2. Why the liquid exchange effect is different ?

Because the blue have salt and the yellow no salt.

3. What else can be substituted for salt ?

sugar

A++

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see? *soda, colla, tea, milk, Juice*
2. Why can't muddy water be called an aqueous solution? *因為泥巴無法溶解在水中*
3. What happens to the salt water after the salt is dissolved in the water? *鹽量會變大, 重量會變重, 鹽巴會不見*

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
food 食物	medicine 藥品	detergent 洗潔劑

Sentence

<i>aqueous solution</i>	What does matter become when it dissolves into water?
<i>food</i>	When people are hungry, what are they used to eating?
<i>solvent</i>	What can be called water in an aqueous solution?
<i>medicine</i>	If we are sick, what do we need to eat?
<i>detergent</i>	When the floor is dirty, what do we use?
<i>solute</i>	What is the dissolved substance in an aqueous solution called?

Experiment

Watch a video of **Salt Water Experiment (3:02)** and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off?
因為大氣壓力
2. Why the liquid exchange effect is different?
因為藍色的鹽較多, 會變重
3. What else can be substituted for salt?
糖、溫泉粉

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see? 汽水。

2. Why can't muddy water be called an aqueous solution? 因為泥巴不能溶解在水裡。

3. What happens to the salt water after the salt is dissolved in the water?

會變重。水位上升。鹽會消失。

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
food 食物	medicine 藥品	detergent 洗潔劑

Sentence

aqueous solution
medicine 藥物
~~solute~~
solute

1. 糖	What does matter become when it dissolves into water?
2. 食物	When people are hungry, what are they used to eating?
3. 溶劑	What can be called water in an aqueous solution?
4. 液體	If we are sick, what do we need to eat?
5. 洗潔劑	When the floor is dirty, what do we use?
6. 水溶液	What is the dissolved substance in an aqueous solution called?

Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off? 大氣壓力

2. Why the liquid exchange effect is different? 糖

3. What else can be substituted for salt? 糖

加糖

Aqueous solution- Dissolution phenomenon

Warmer

1. In daily life, which aqueous solutions do you see? soda, 漿油, milk, 茶。 ✓

2. Why can't muddy water be called an aqueous solution? 因為泥巴不會溶於水。 ✓

3. What happens to the salt water after the salt is dissolved in the water? 重量變重

骨曲精變大 水位

Language

aqueous solution 水溶液	solute 溶質	solvent 溶劑
food 食物	medicine 藥品	detergent 洗潔劑

Sentence

<u>aqueous solution</u>	What does matter become when it dissolves into water?
<u>food</u>	When people are hungry, what are they used to eating?
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<u>medicine</u>	If we are sick, what do we need to eat?
<u>detergent</u>	When the floor is dirty, what do we use?
<u>solute</u>	What is the dissolved substance in an aqueous solution called?

Experiment

Watch a video of Salt Water Experiment (3:02) and to do it then discuss the following questions in a small group.

1. Why won't the paper fall off? 大氣壓力 ✓

2. Why the liquid exchange effect is different? 因為藍色裡有白巴, 密度較大。 ✓

3. What else can be substituted for salt?

?