

Let's guess



I am made of **glass**. (材质)

I can be a **circle** or a **rectangle** (长方形). (形状)

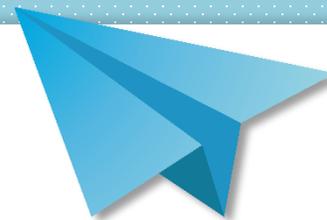
If you smile, I will smile too.

If you cry, I will cry too.

Who am I?

U3 Light and mirrors

光和镜子



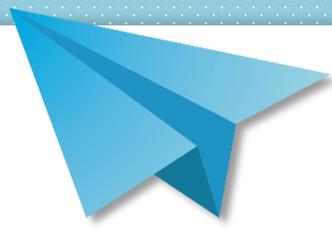
Lesson 3

Mirrors



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mirrors



What can you see in a mirror?



image
镜像



Which is the image?



image



Which is the image?



image





Activity 1



Look at yourself in a mirror.
How do you look?

Tips:

step 1: Take out your mirror.

step 2: **observe**(观察) yourself with direction(方向)/face/...

Step 3: fill in the chart.



What am I looking for?

Yes / No

Am I the right way up?
(镜子里的我方向是朝上的吗)

Yes

Can I see my nose?

Yes

Can I see the back of my head?

No

Can I see my friends behind me?

Yes

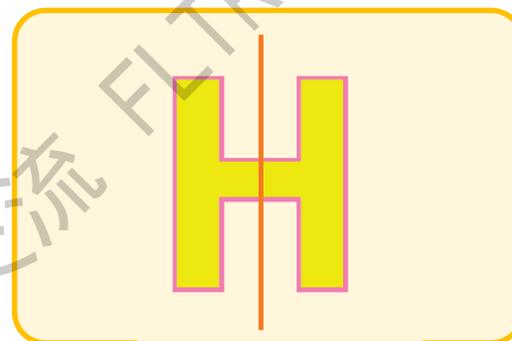
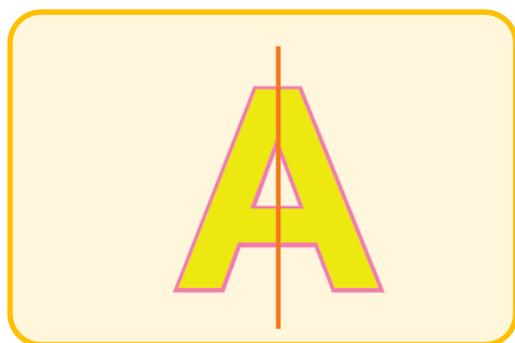


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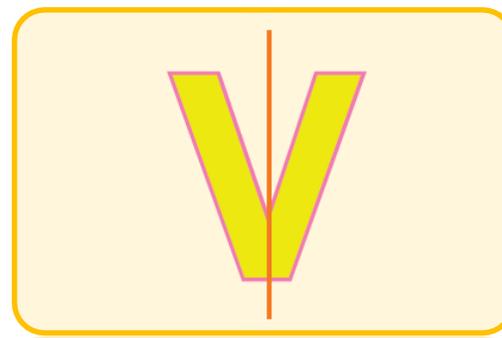
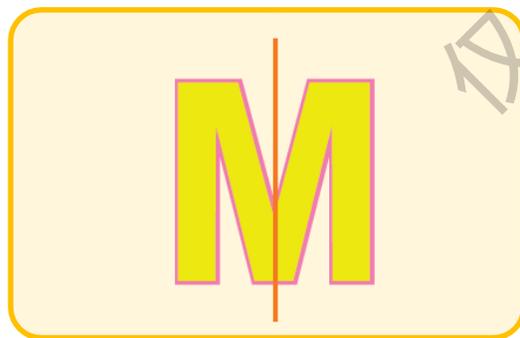
Activity 2



Use a mirror to complete the letters.



axial symmetry
(轴对称)

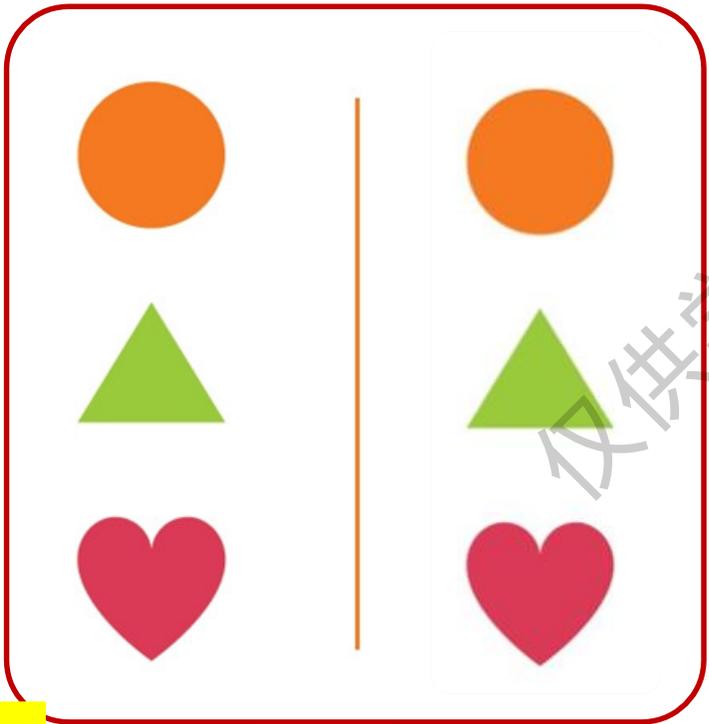


P27



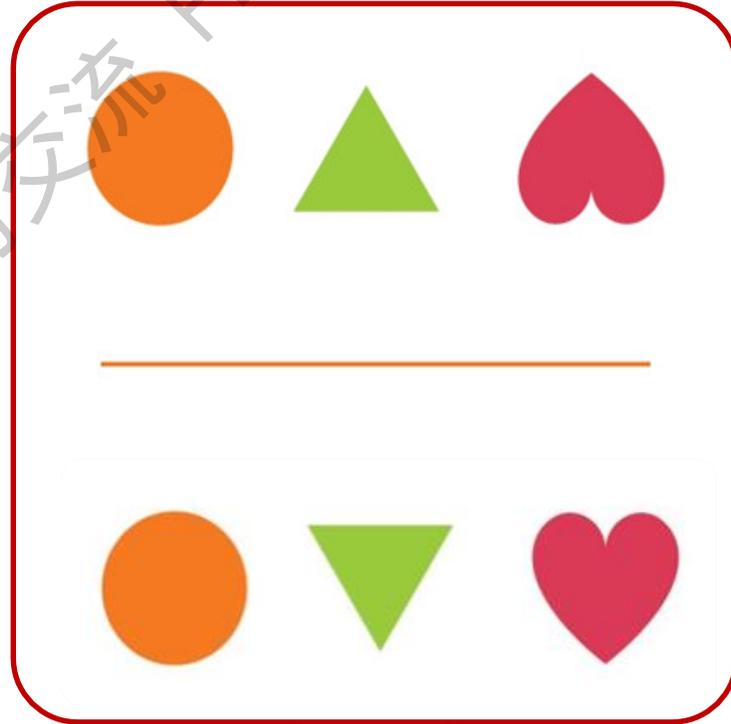
Activity 2

Look at the symbols(符号) in a mirror.
Which look the same? Which look
different? Draw the images (镜像).



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✓



✗

axial
symmetry
(轴对称)

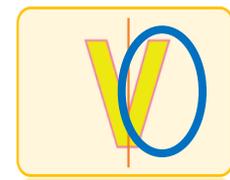
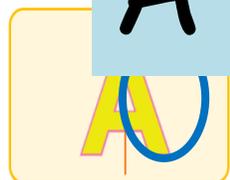


image 镜像

What can you find?



A mirror can make images

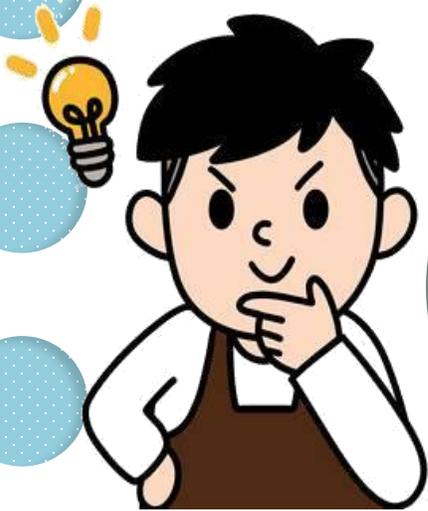


discuss



Where can we see the image (镜像)?

We can see the image from.....



glass



water



metal



think

Why can we see something?





Activity 3

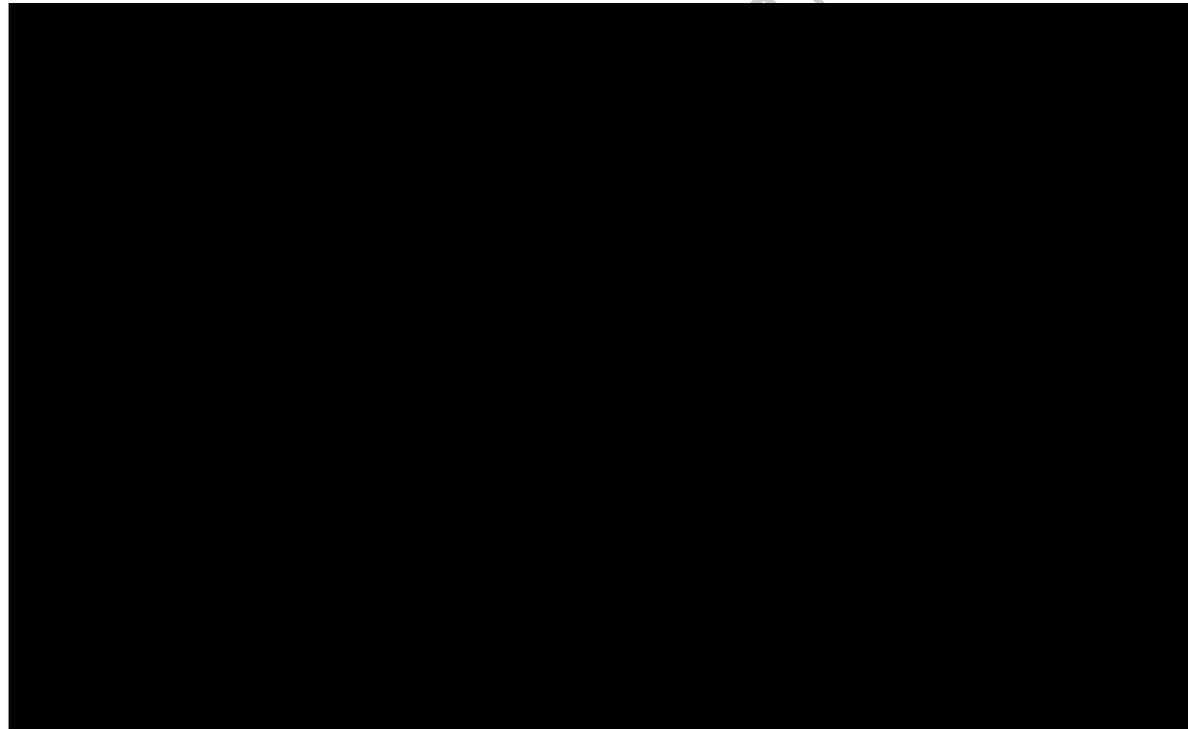


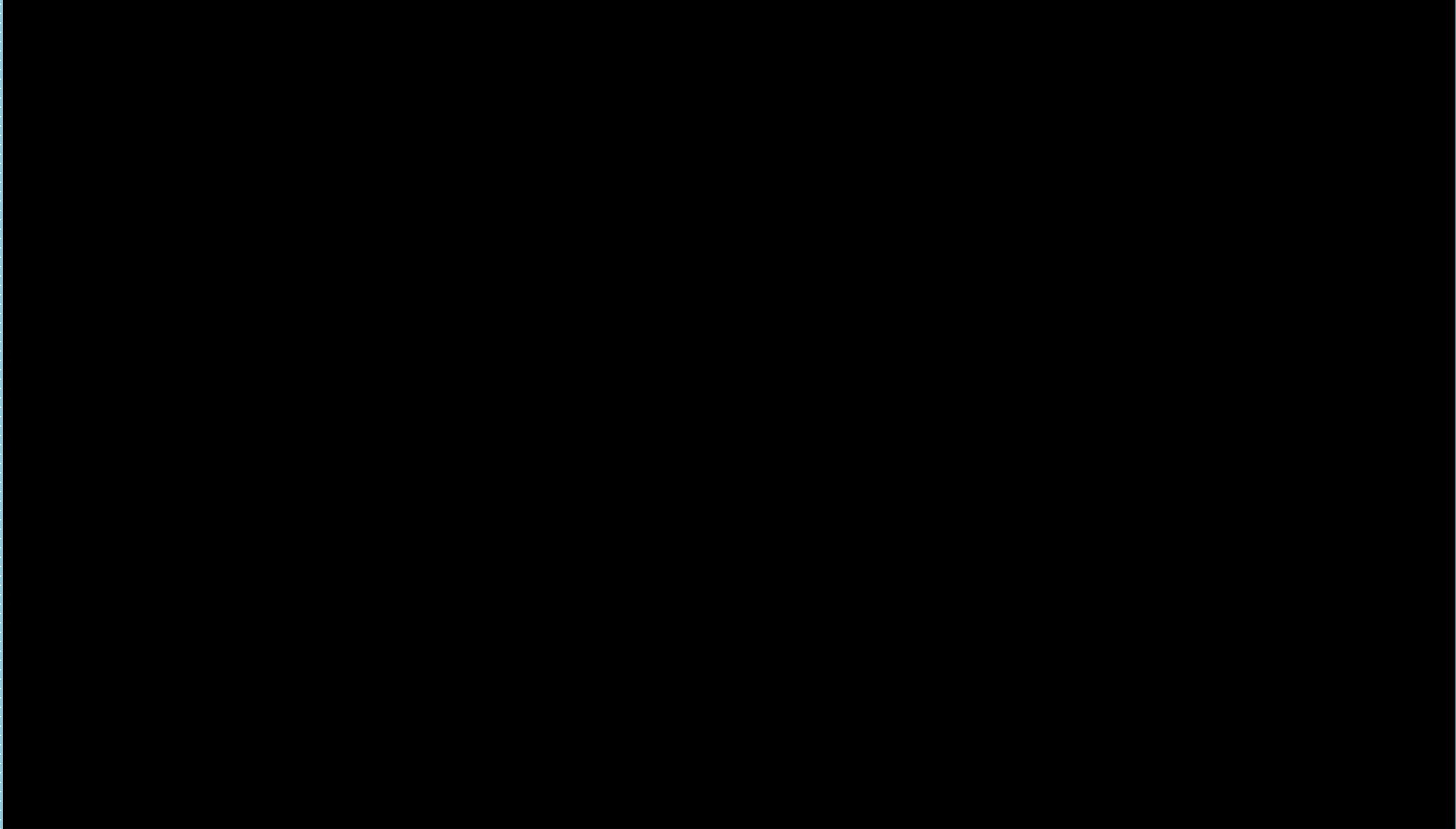
Hold your mirror so you can see your friend around a corner. Can your friend see you too?



think

Why can you see?





think

Why can you see?



The light can be reflected.(被发射)



Activity 3



Hold your mirror so you can see your friend around a corner. Can your friend see you too?



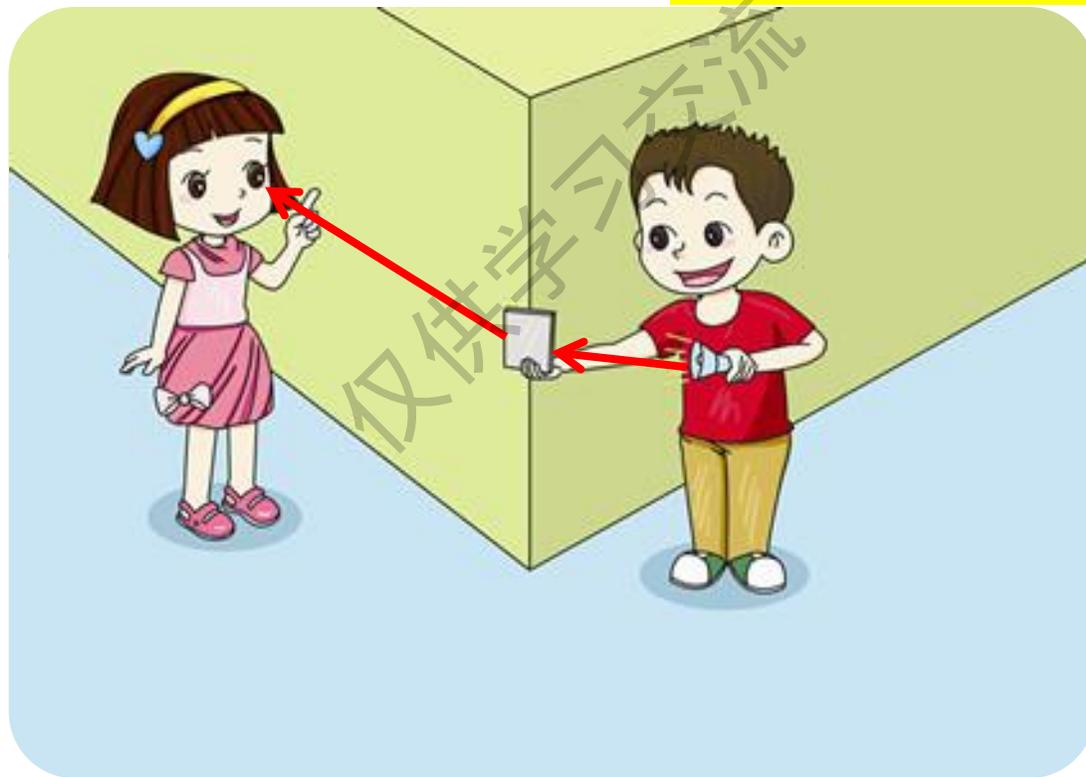
Why can you see your friend?

A mirror can reflect (反射) the light.



Activity 3

Your friend shine a torch(电筒) at the mirror. Can you see your friend's torchlight? How does the light travel to you? (电筒的光是如何进入到你眼睛的呢?) Draw lines (划线).



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discuss

How does it work?
Put the sentences in order.

A

The light changes (改变) direction (方向).

B

The mirror reflects (反射) the light.

C

The light travels into my friend's eyes.

D

The light comes from the torch.

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D



B



A



C



think

v



periscope 潜望镜



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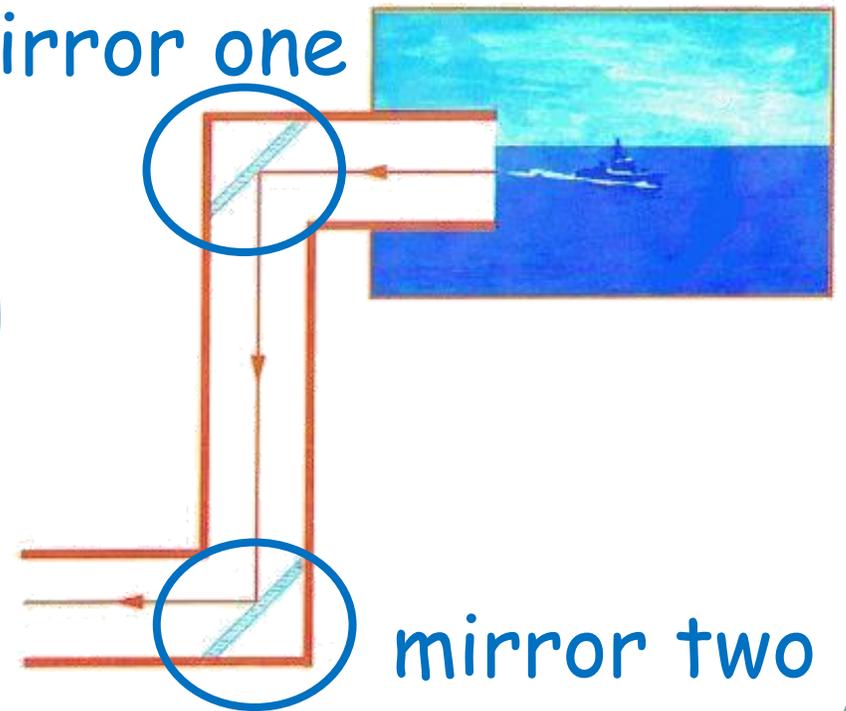
think

How does it work?



periscope

mirror one



mirror two



Group
work



Let's make a periscope



1

Check your materials. 检查你的材料包

2

Watch the video carefully. 仔细看视频

3

Make your periscope together. 制作潜望镜

4

Test your periscope and report. 测试并汇报





Group work

1

Check your materials.

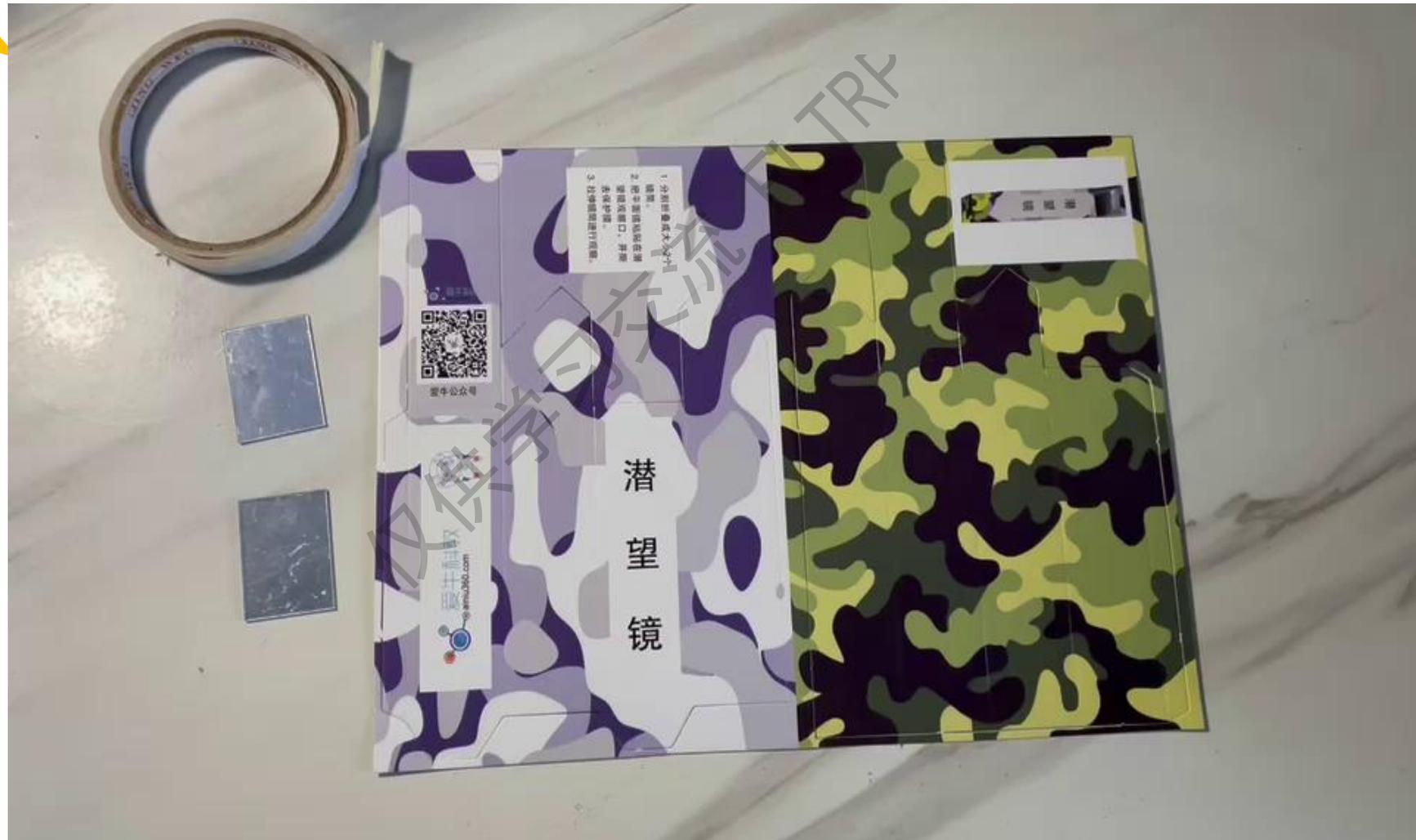




2

Watch the video carefully.

Group work

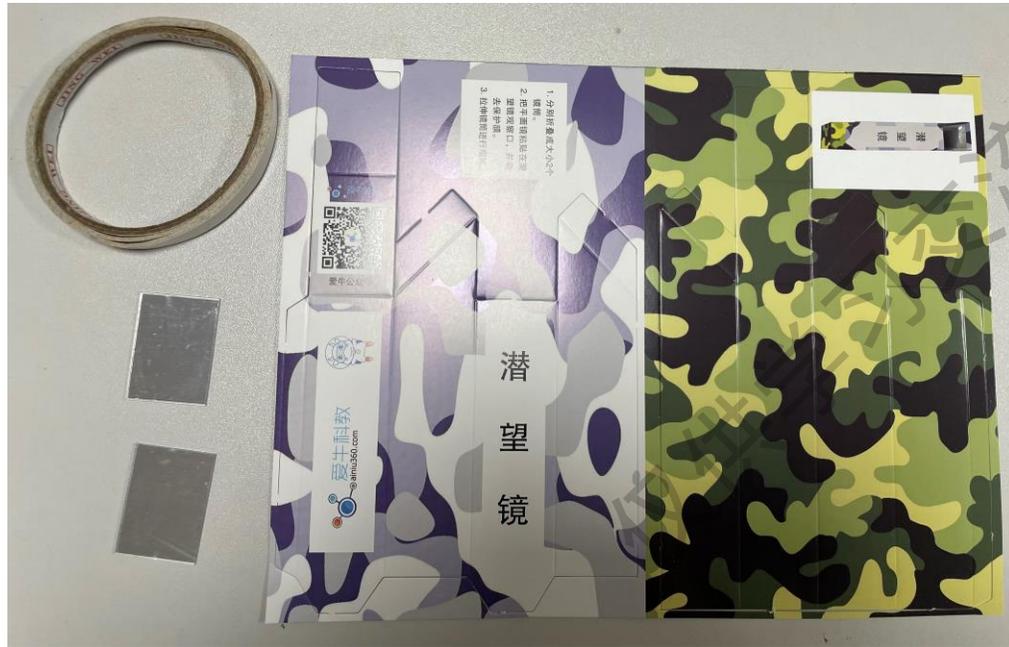




Group
work

3

Make your periscope together.



Group
work

4

Test your periscope and report.

All: Hello, everyone. We are from team....Let's show you how it works.

M1: We want to see the..... (选择一个物体)

M2: Mirror one reflect^s(发射) the light.

M3: The light changes(改变) the direction(方向).

M4: Mirror two reflect^s the light again.

M5&6: At last, We can see the (看到的物体)

All: That's all. Thank you!



Now I Know ...



A mirror can make images.

A mirror can reflect light.



How I Know ...

- I talked to a mirror.
- I saw things in a mirror.
- I did experiments (实验) with mirrors.



Homework

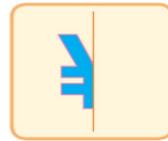
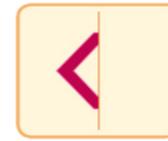
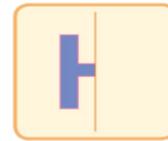
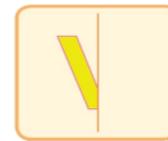


- Light up science P30.
- Workbook.

Science

Light

Use a mirror to complete the symbols.





Thank you!

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