

Name: _____

MYSTERY science

1st Grade

Student Booklet

MYSTERYscience Worksheets

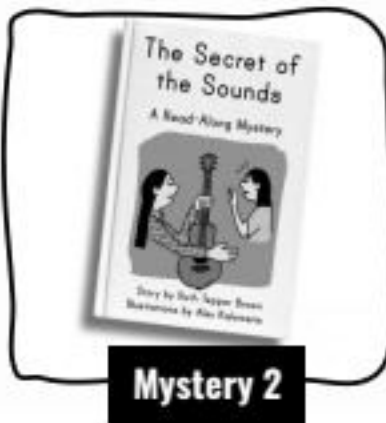
NGSS Grade 1 Unit

Lights & Sounds Mysteries:



Mystery 1

How do they make
silly sounds in
cartoons?



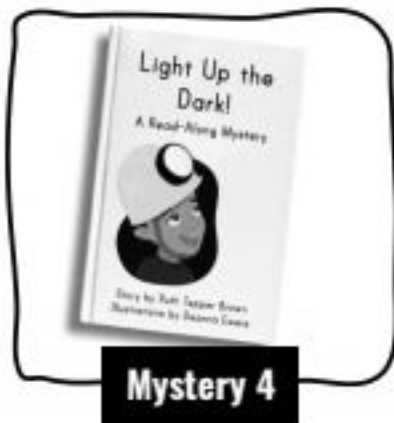
Mystery 2

Where do sounds
come from?



Mystery 3

What if there were
no windows?



Mystery 4

Can you see in
the dark?



Mystery 5

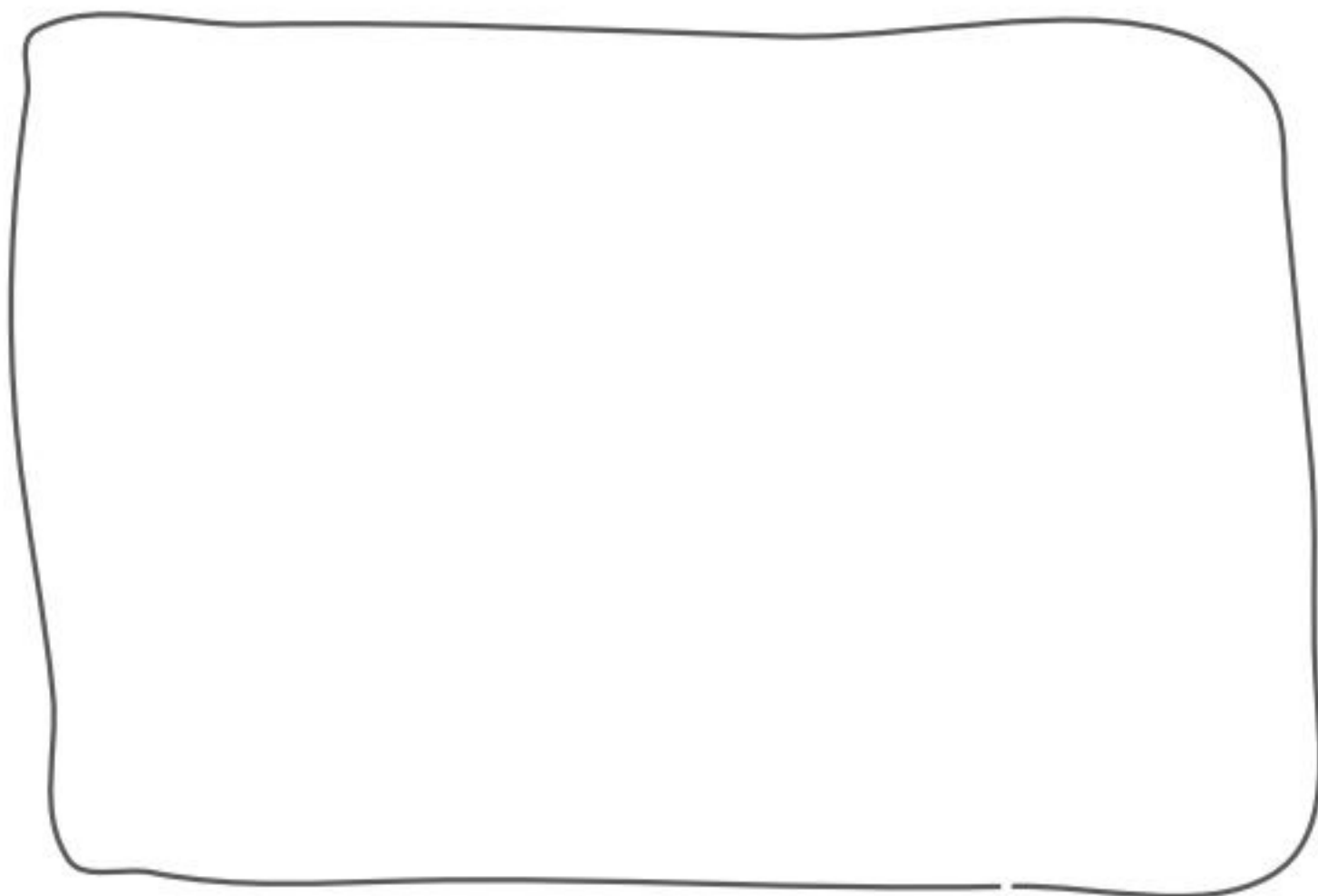
How could you send a
secret message to
someone far away?



Mystery 6

How do boats find
their way in the fog?

Name: _____

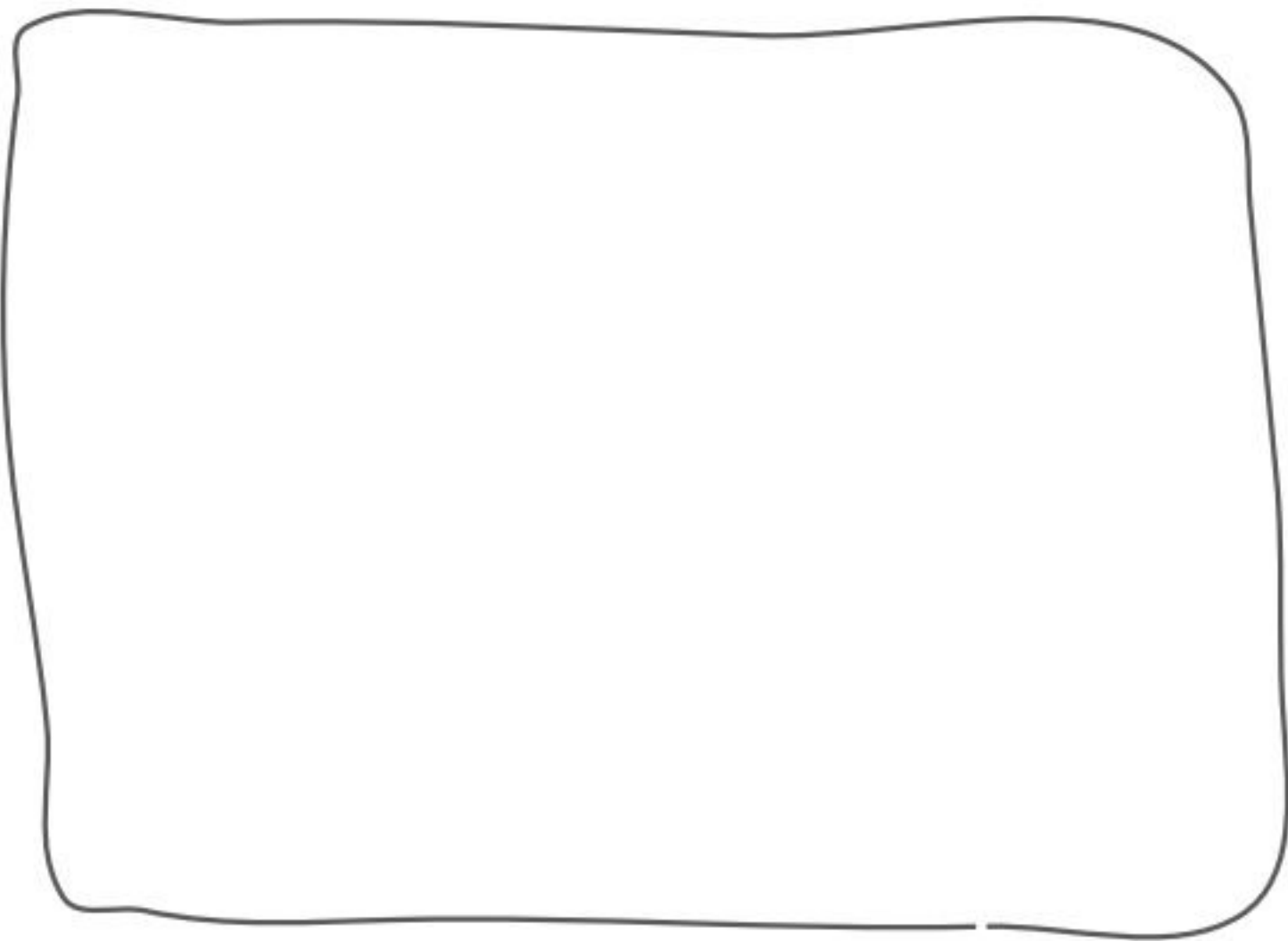


Draw and write your ideas.

Two ways people make sounds for cartoons are...

Name: _____

1. Draw a musical instrument making sounds.

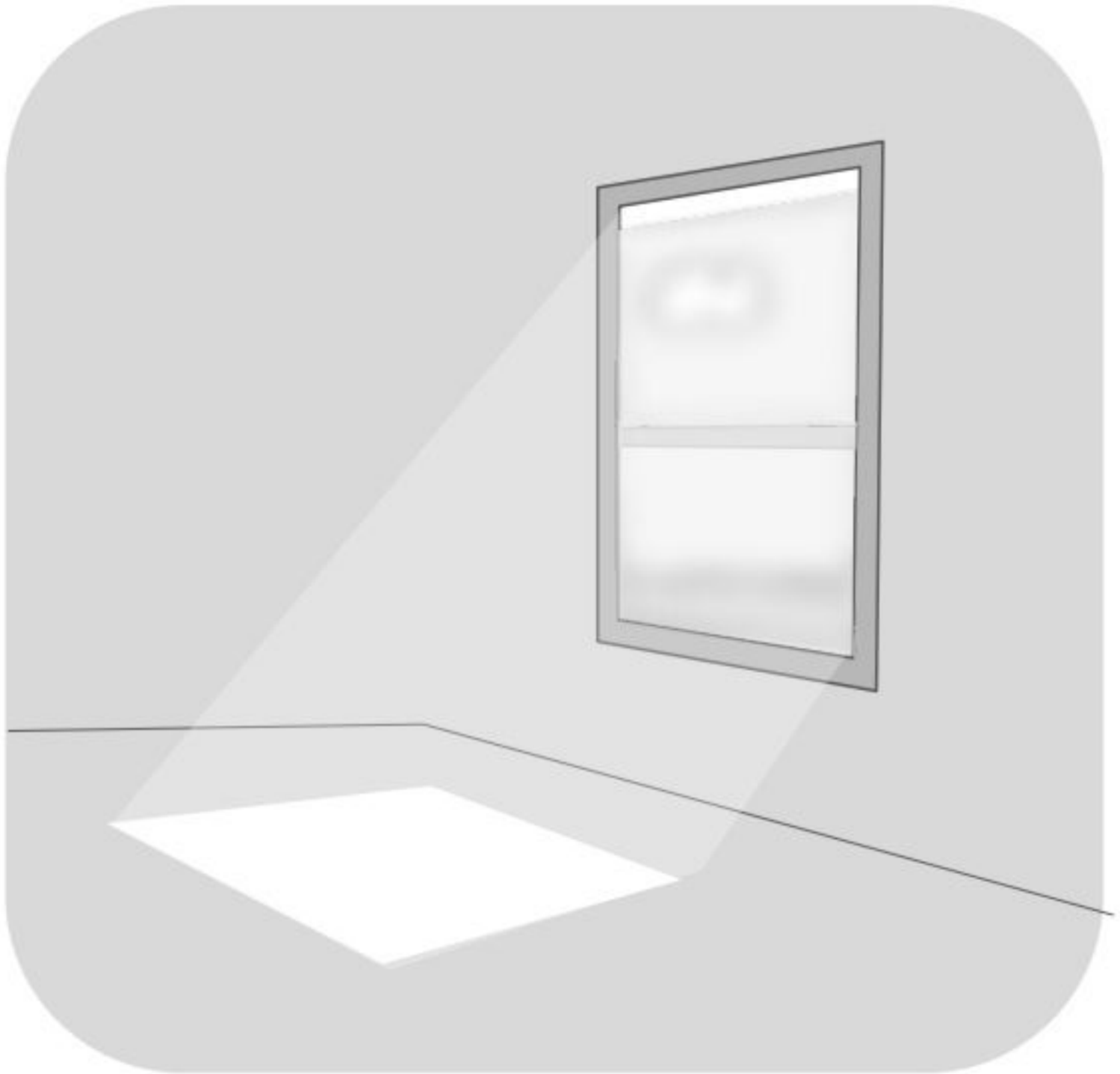


2. The instrument makes sounds by...

see through

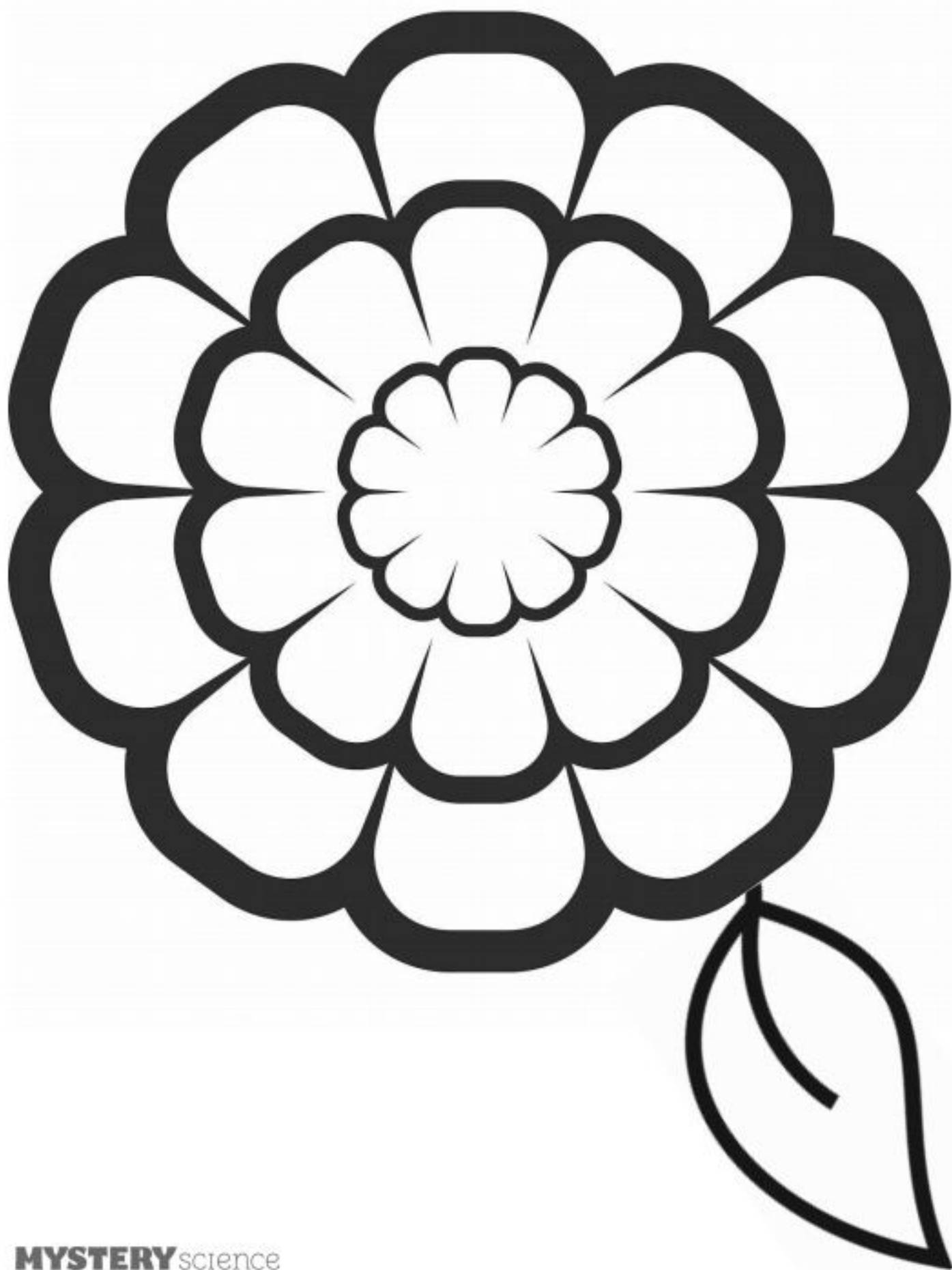


kind of
see through



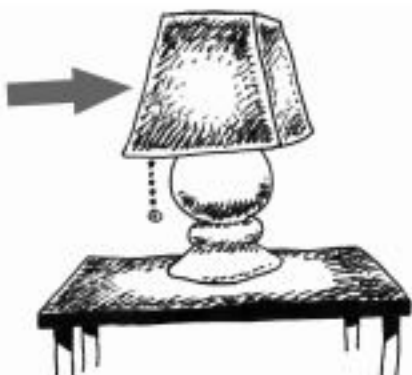
not see through





Name: _____

1. Draw a line to match the picture to the word.



transparent
(see-through)



translucent
(kind of see-through)

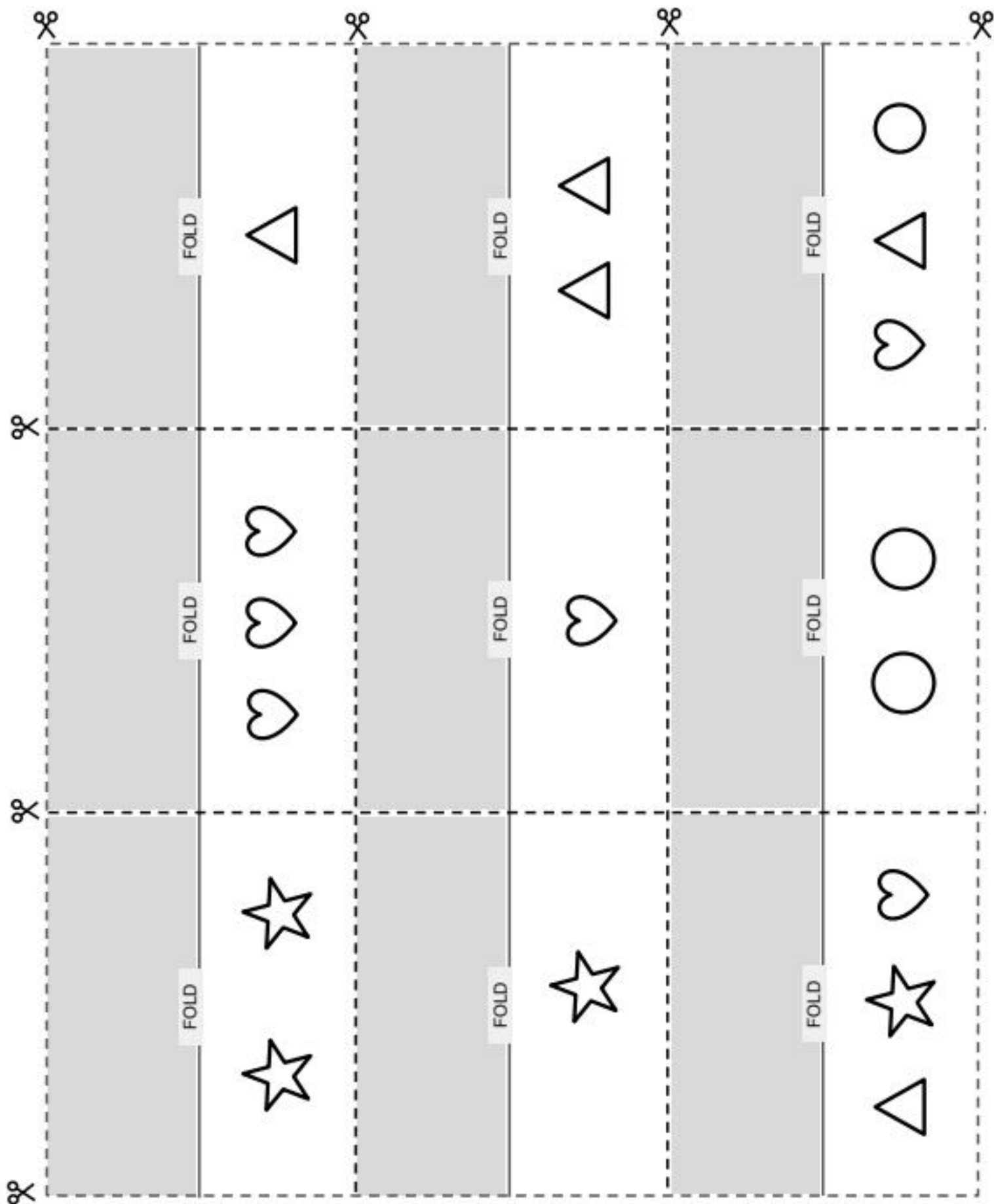


opaque
(not see-through)

2. If there were no transparent materials...

INSTRUCTIONS:

Cut and fold. Color the shapes different colors.



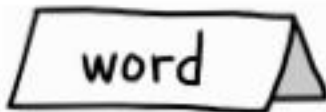
INSTRUCTIONS:
Cut and fold.

<p>✂</p> <p>FOLD</p>	<p>I am a cat.</p>	<p>FOLD</p>	<p>You rock!</p>	<p>FOLD</p>	<p>Happy day!</p>
<p>✂</p> <p>FOLD</p>	<p>I have a secret.</p>	<p>FOLD</p>	<p>Look at this.</p>	<p>FOLD</p>	<p>😊 😊</p>
<p>✂</p> <p>FOLD</p>	<p>Can you see this?</p>	<p>FOLD</p>	<p>It is very dark.</p>	<p>FOLD</p>	<p>Good job!</p>

How to Play "Dark Box"

1 Find someone to play with.

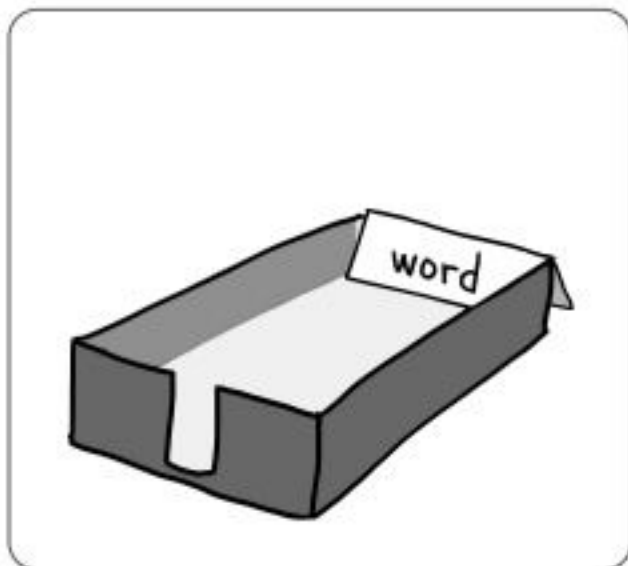
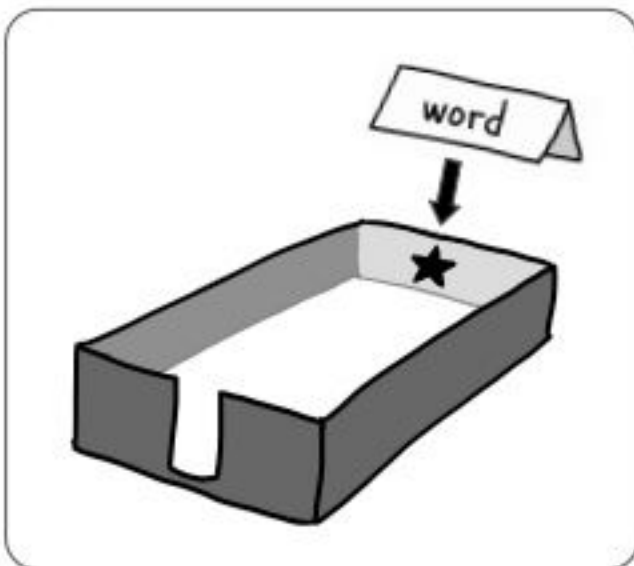
2 Pick a word or shape card.



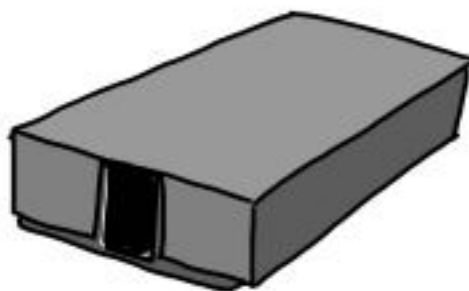
3 Don't show the other person.



4 Open the box. Put the card over the side with the star.

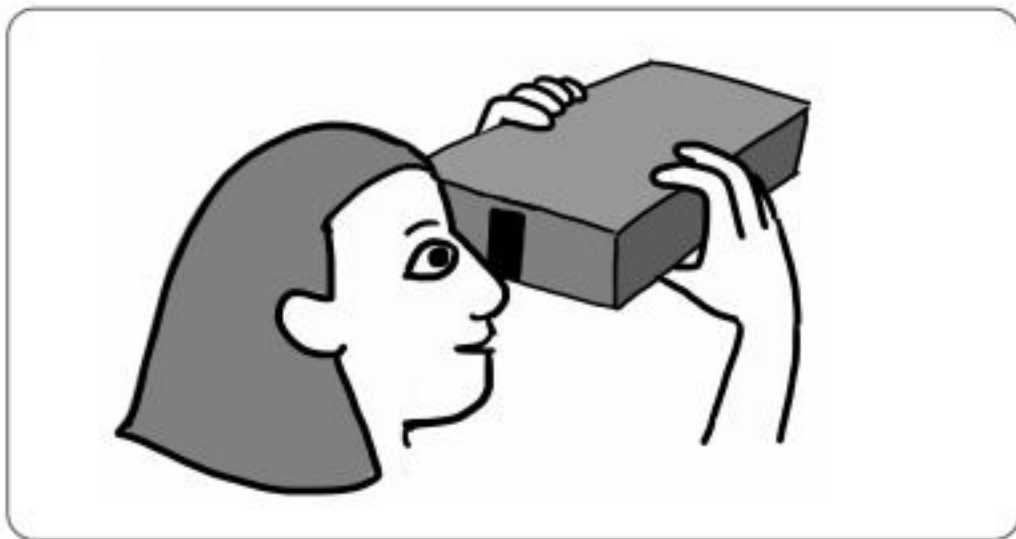


5 Close the box.



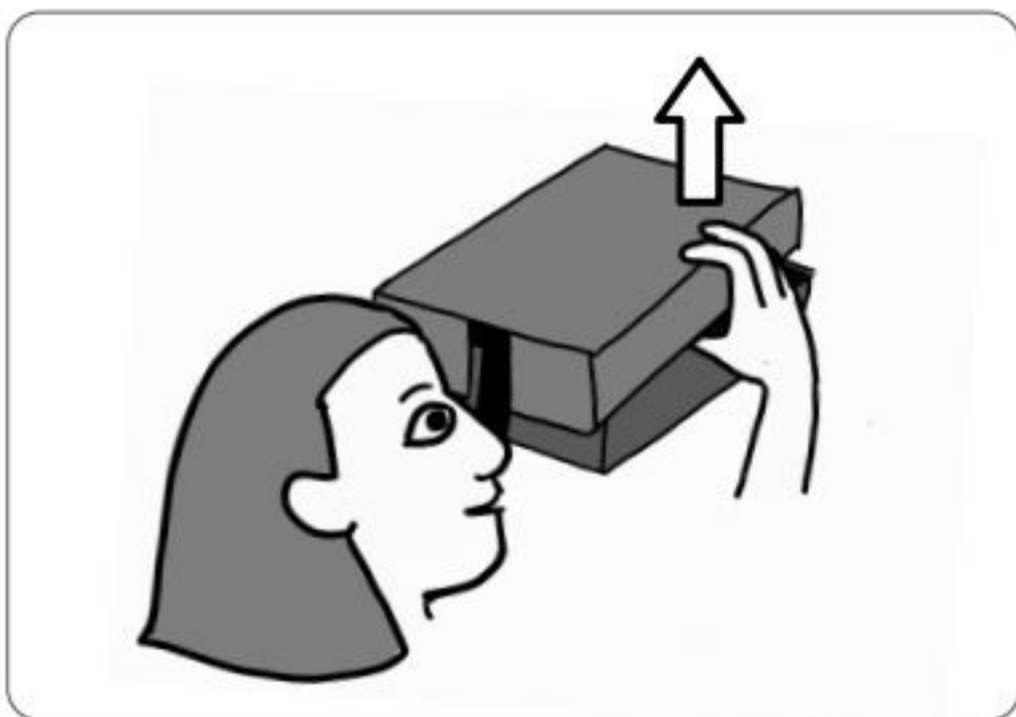
6

Give the box to the other person. Have the person look through the hole in the box.
What do they see?



7

Have them open the lid a little. What do they see now?



8

Take turns and play again.

Name: _____

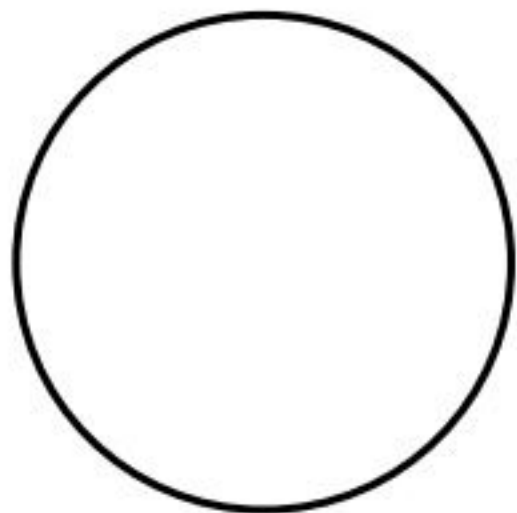
1. Circle all the places light is coming from.



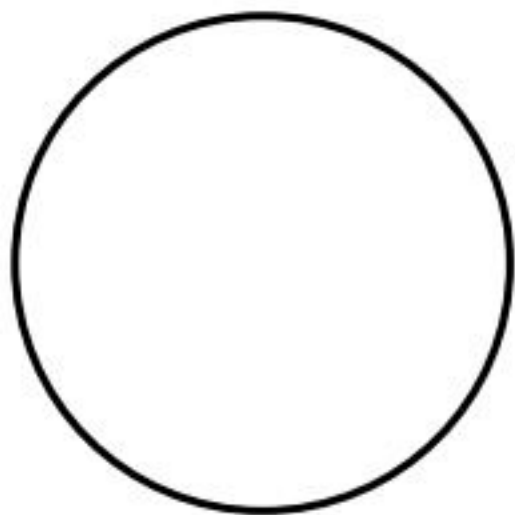
2. If light were not coming from any of those places, what would the driver see?

Name →

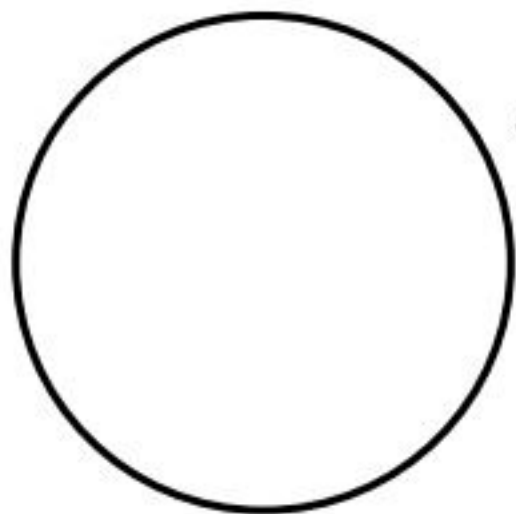
Color Codes



← What does this color mean?

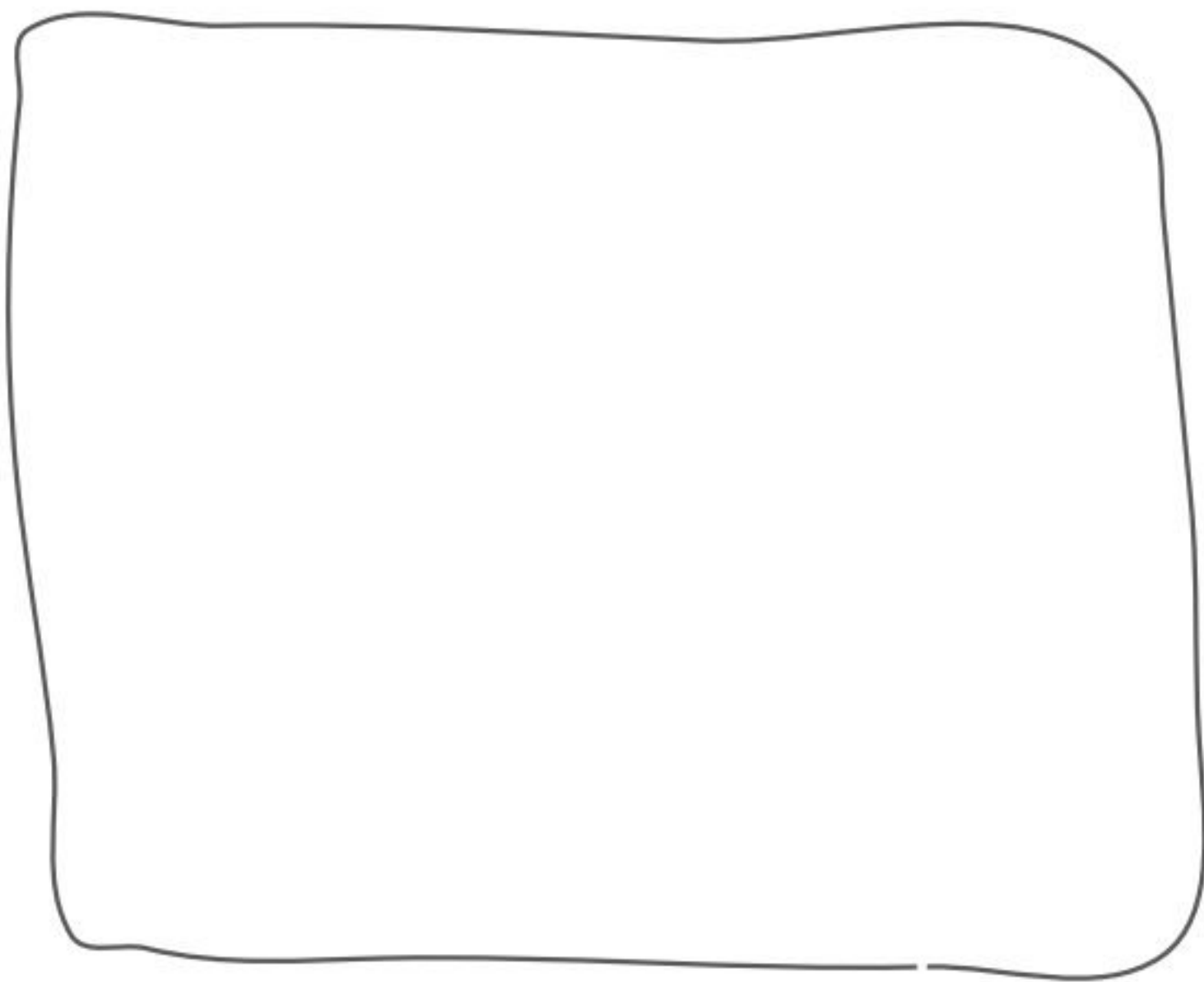


← What does this color mean?



← What does this color mean?

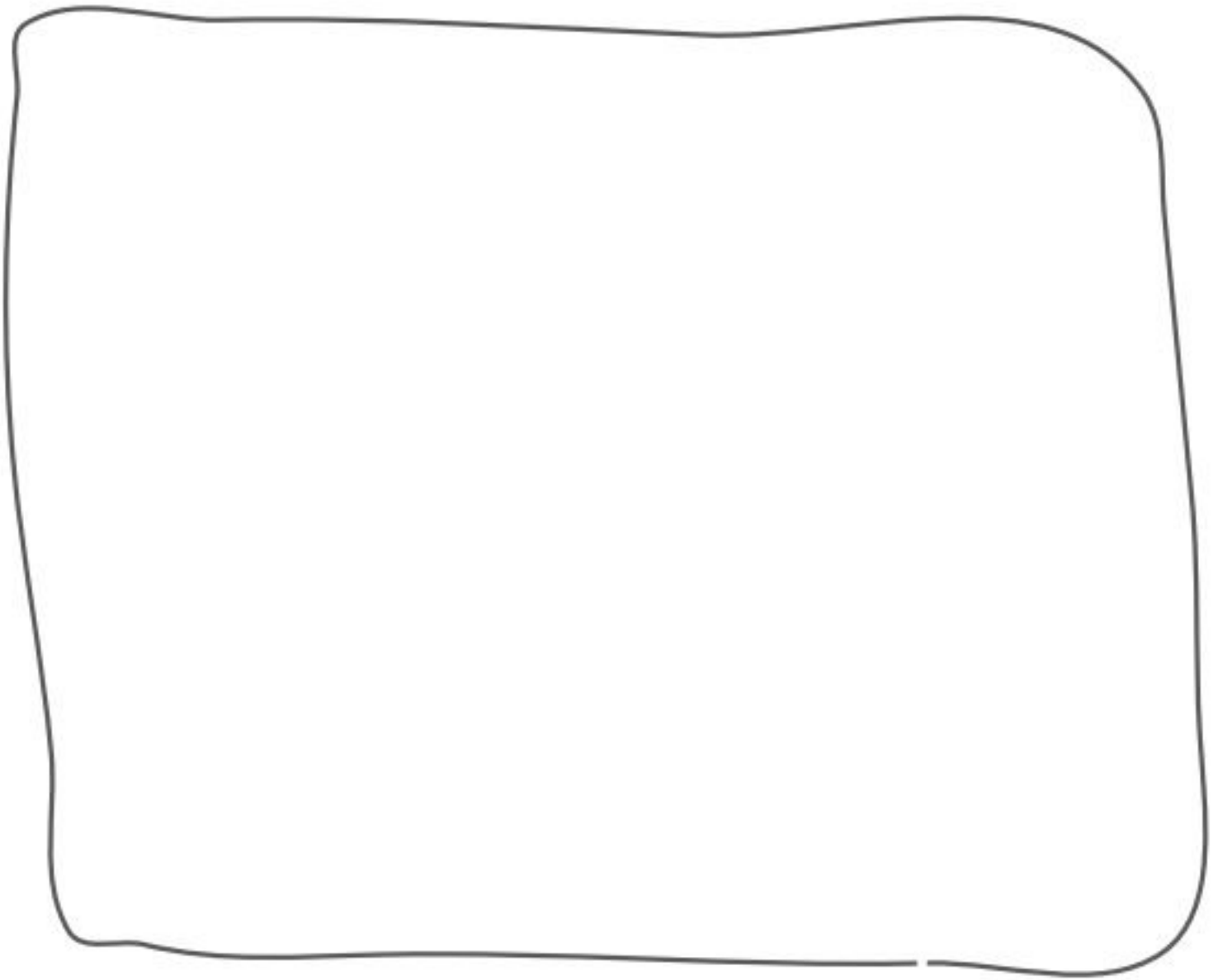
Name: _____



Draw and write your ideas.

One way to send a message with light is...

Name: _____



Draw and write your ideas.

One way to send a message with sound is...
