

A decorative frame consisting of two thick black L-shaped lines. One L-shape is positioned in the top-left corner, and the other is in the bottom-right corner, creating a frame around the central text.

# THE DESIGN AND IMPLEMENTATION OF CLIL

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# CLIL SCIENCE

- Wonderful Water



# Wonderful Water

## Water And Me

uses of water

## All About Water

physical properties of water

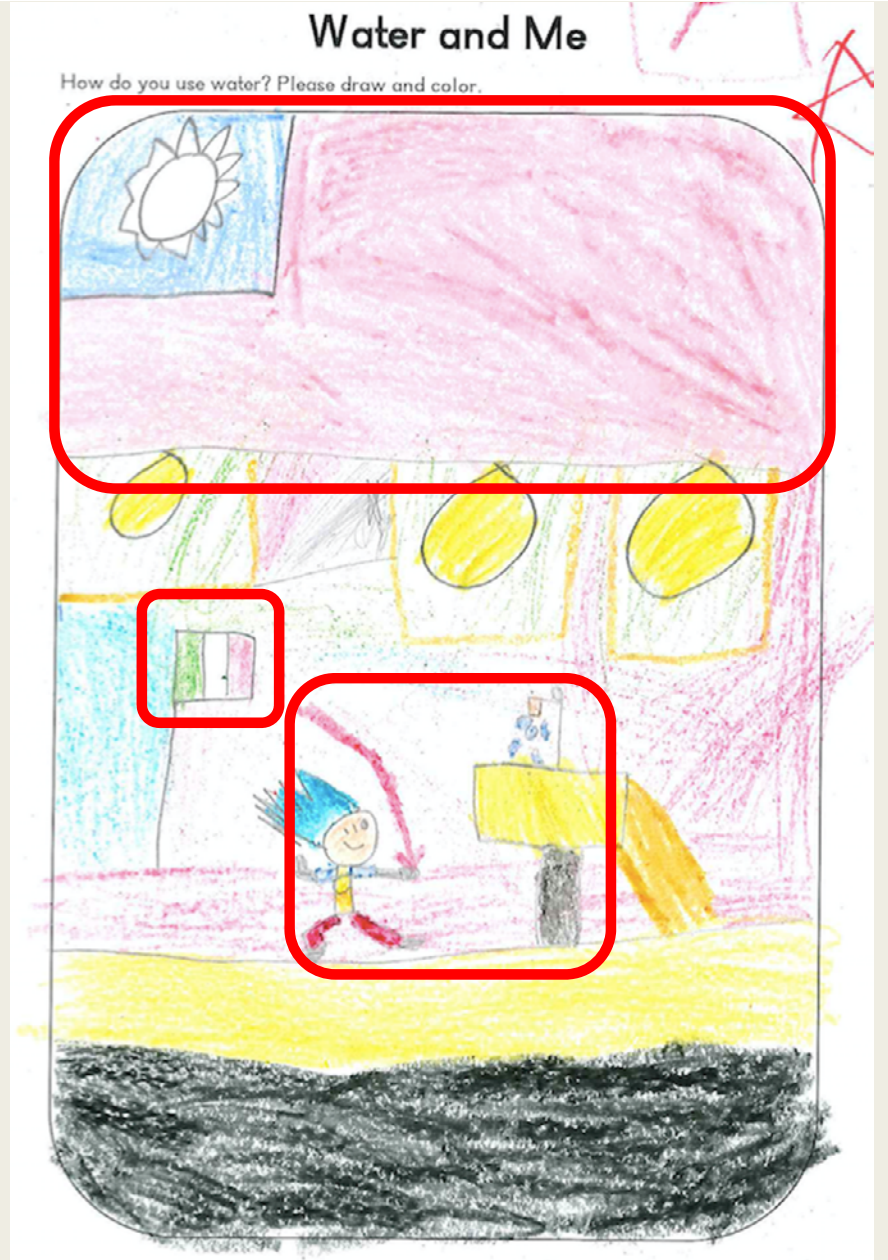
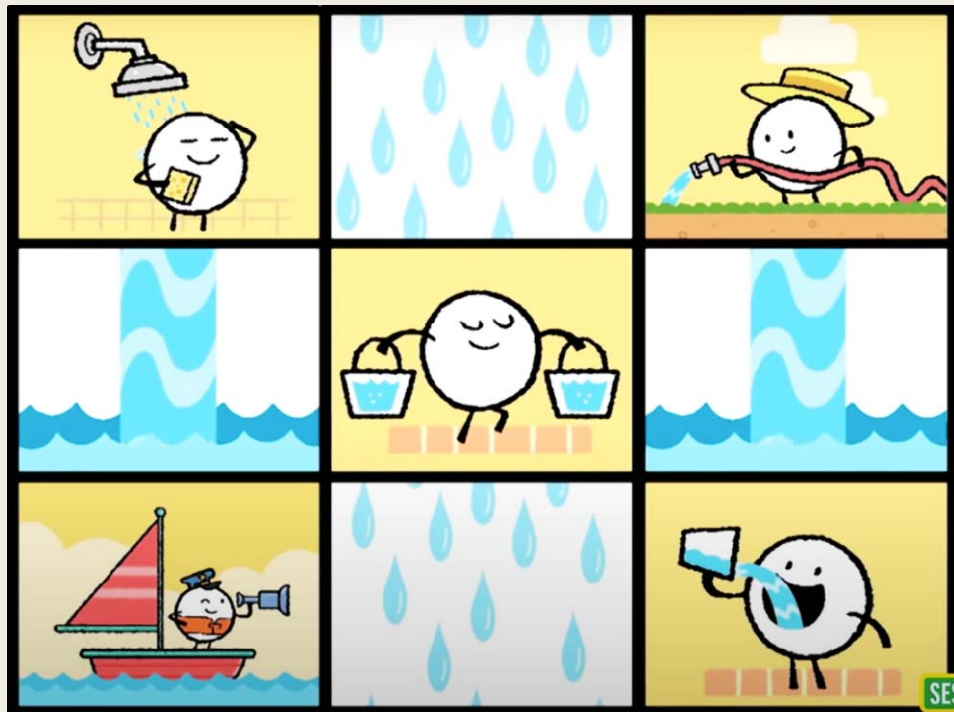
## Float And Sink

why things float on water

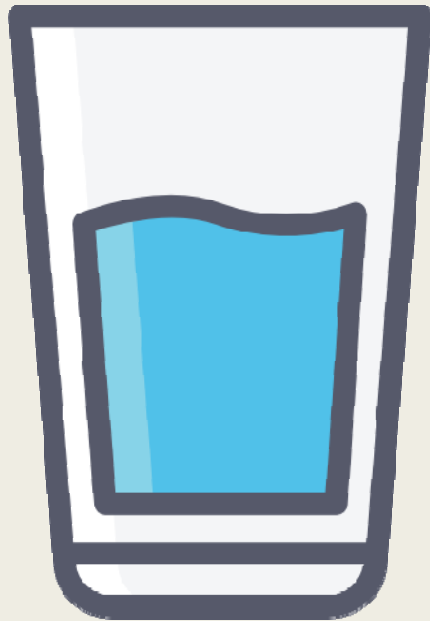
## Save Water

water crisis and conservation

# L1 Water and Me



# L2 All about Water



## All About Water



請仔細觀察水，並將結果記錄下來。

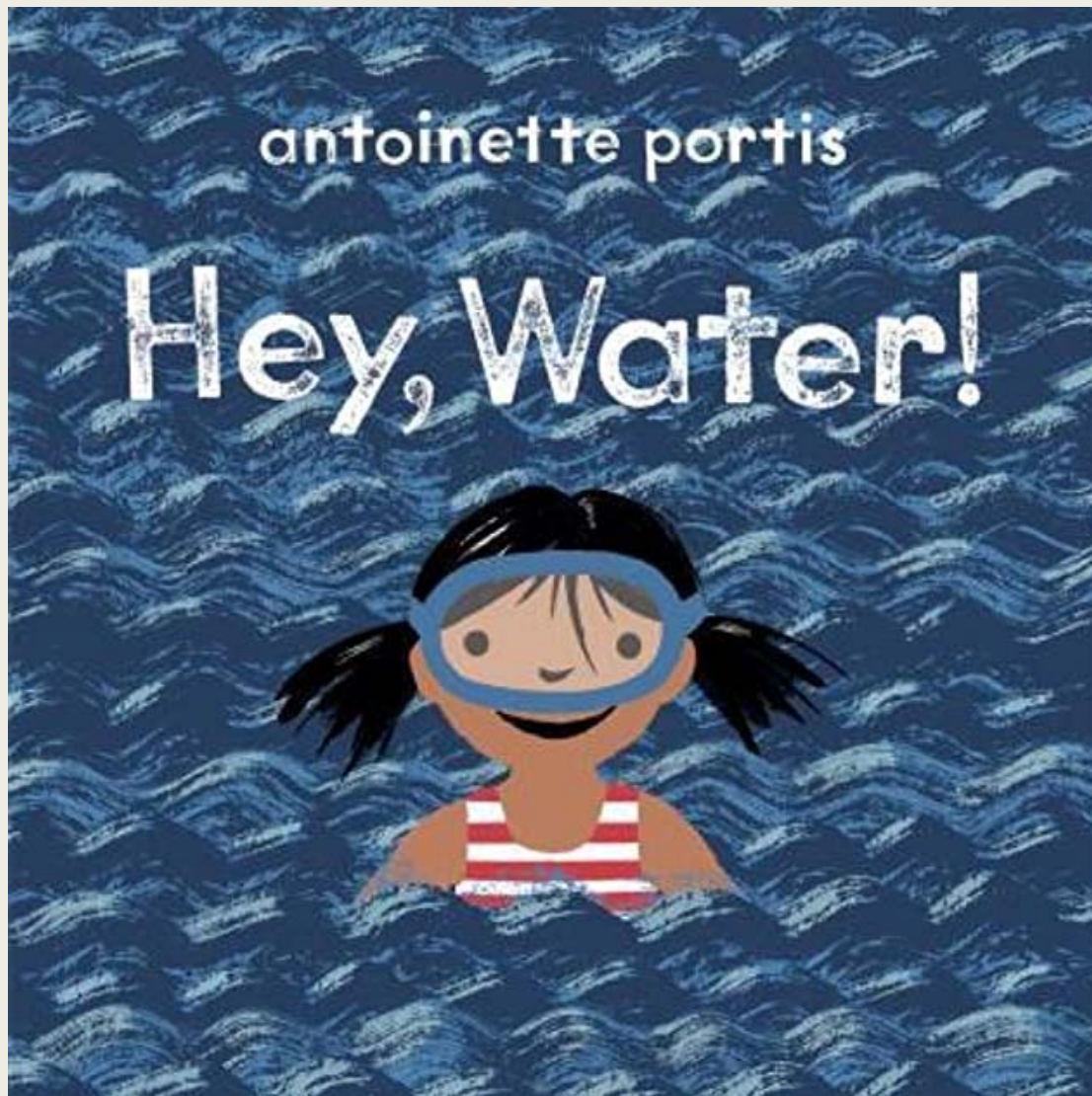
Look		it can move 它可以動
Smell		老師的氣味 老師的氣味
Taste		很多
Sound		他有大海的聲音
Feel		很多

Water has **no color, no smell, no taste.**



Water **takes the shape** of its container.



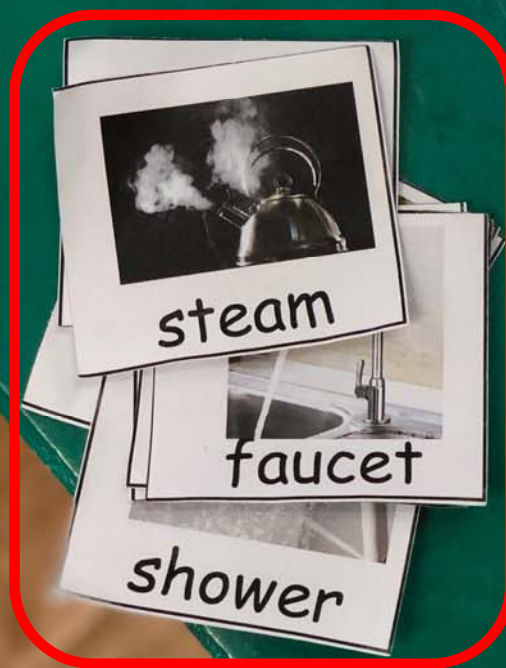




cold



indoor



outdoor



water



ocean



tear



dewdrop



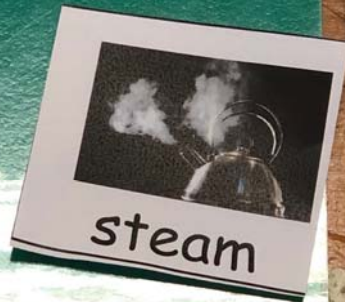
rain



cloud



fog



steam

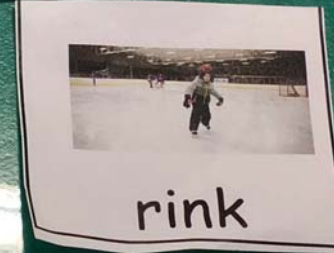
steam



snowman



snowflake



rink



ice cube

ice

# Liquid



# Solid



# Gas



droplets



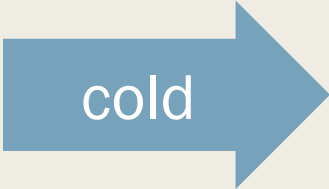
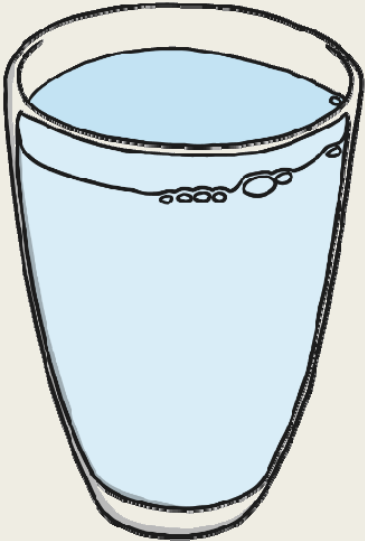
steam



steam

water

ice



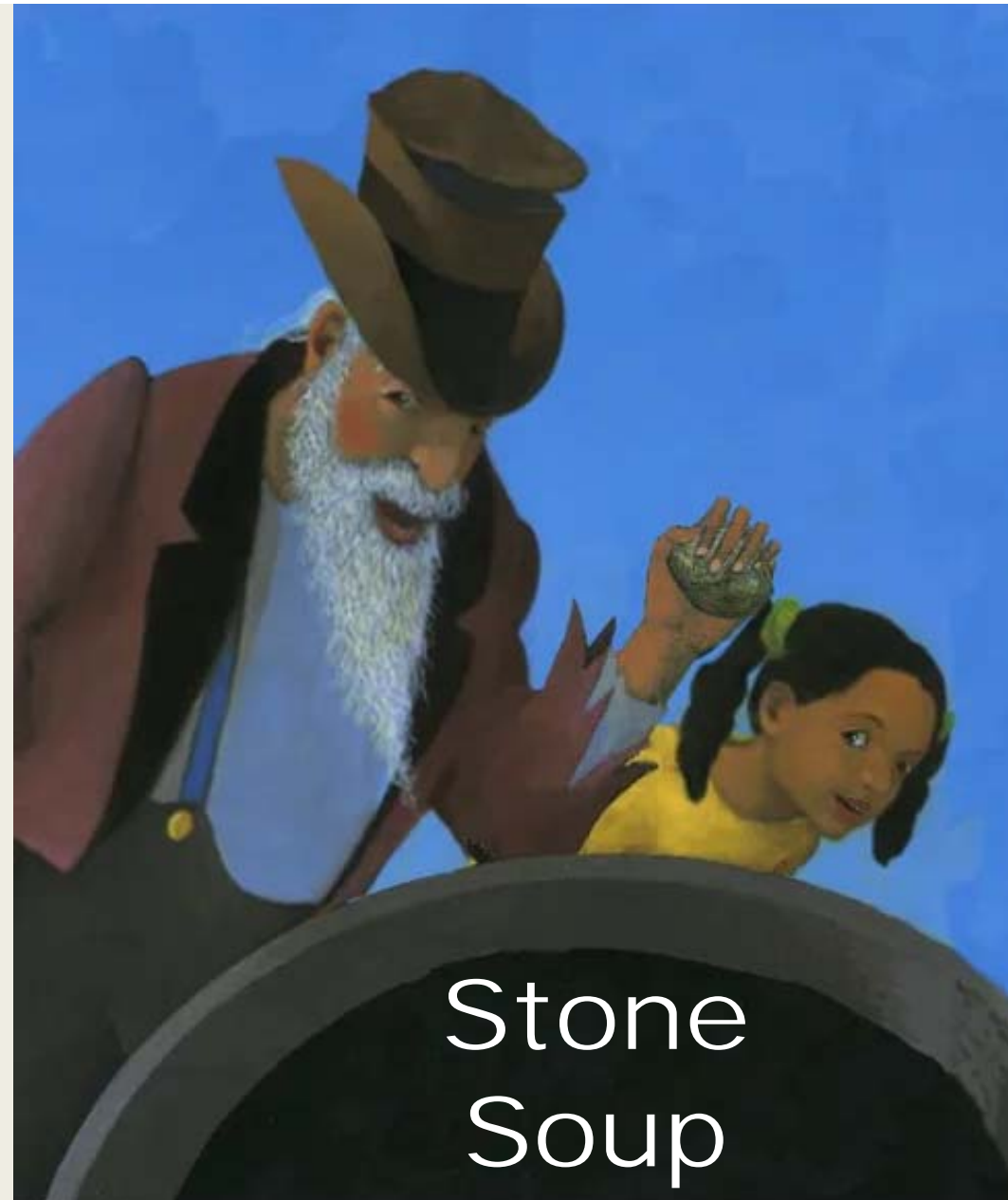


○ steam

○ water

○ ice

# L3 Float and Sink





**Float**







**Sink**





*It will float / sink.*









Objects	Predict 予測		Observe 観察		Same O Different X
	Float	Sink	Float	Sink	
 coin					
 toy coin					
 pencil					
 wooden stick					
 metal spoon					
 plastic spoon					









*It floats / sinks.*



Objects	Predict 予測		Observe 観察		Same O Different X
	Float	Sink	Float	Sink	
 coin					
 toy coin					
 pencil					
 wooden stick					
 metal spoon					
 plastic spoon					

# Float or Sink



Objects	Predict 預測		Observe 觀察		Same O Different X
	Float	Sink	Float	Sink	
 coin	✓			✓	X
 toy coin	✓		✓		O
 pencil		✓	✓		X
 wooden stick		✓	✓		X
 metal spoon		✓		✓	O
 plastic spoon	✓		✓		O



observe



record

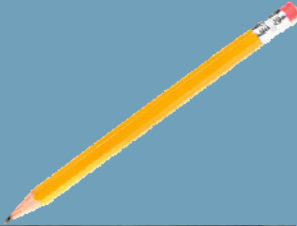
# Float



*metal*



*plastic*



*wood*



*wood*



*plastic*

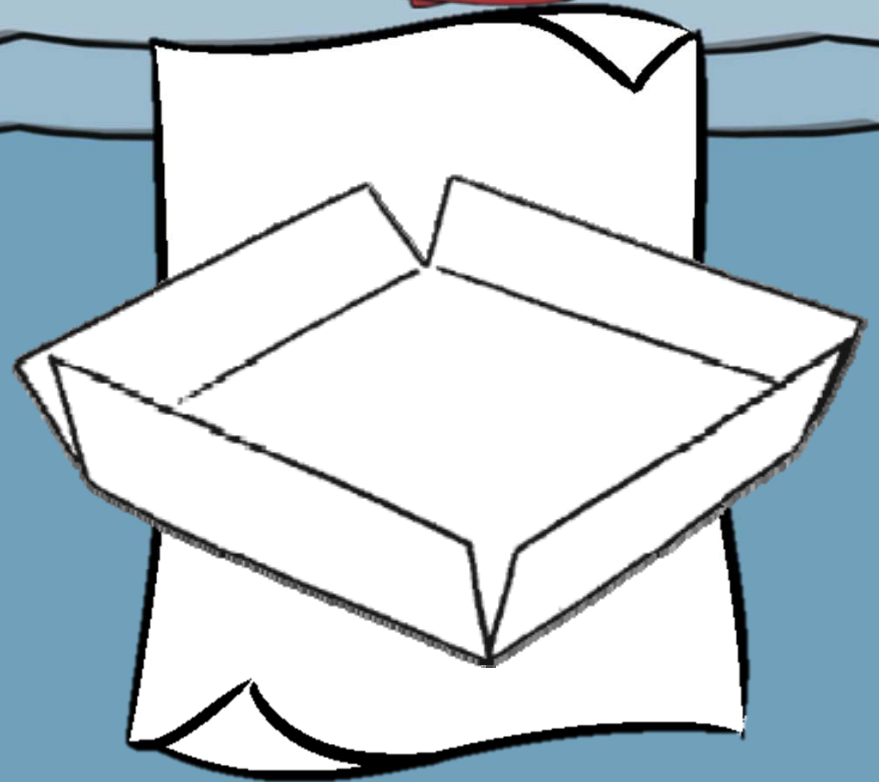


*metal*

# Sink

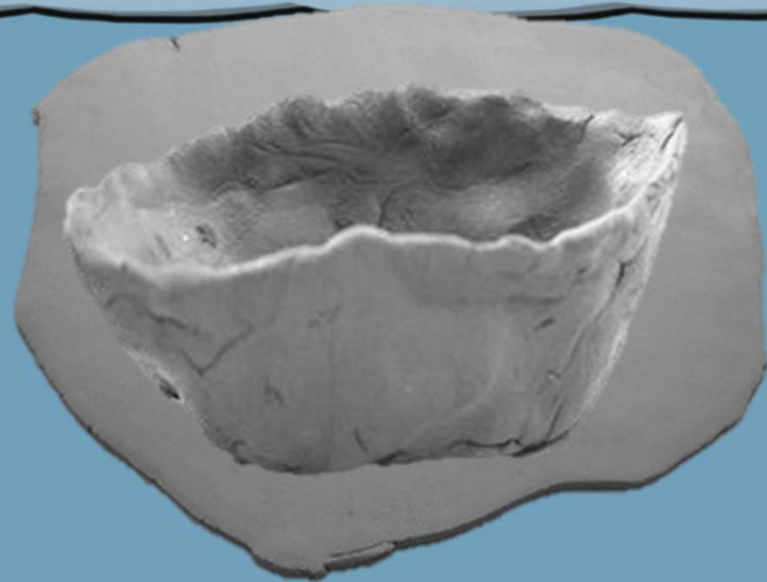
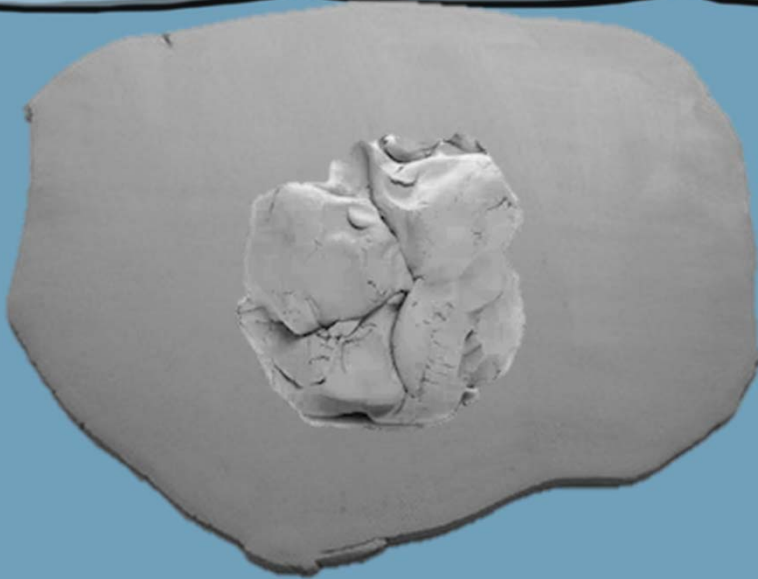


**Float**



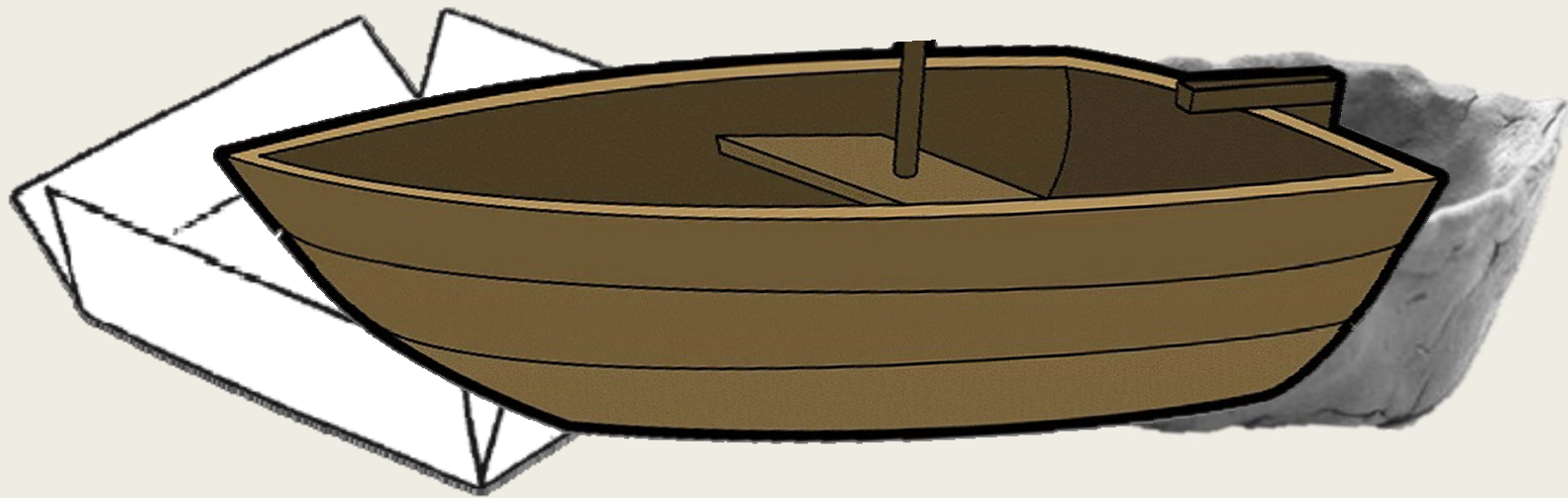
**Sink**

**Float**



**Sink**

What do they look like?





# Float



*metal*

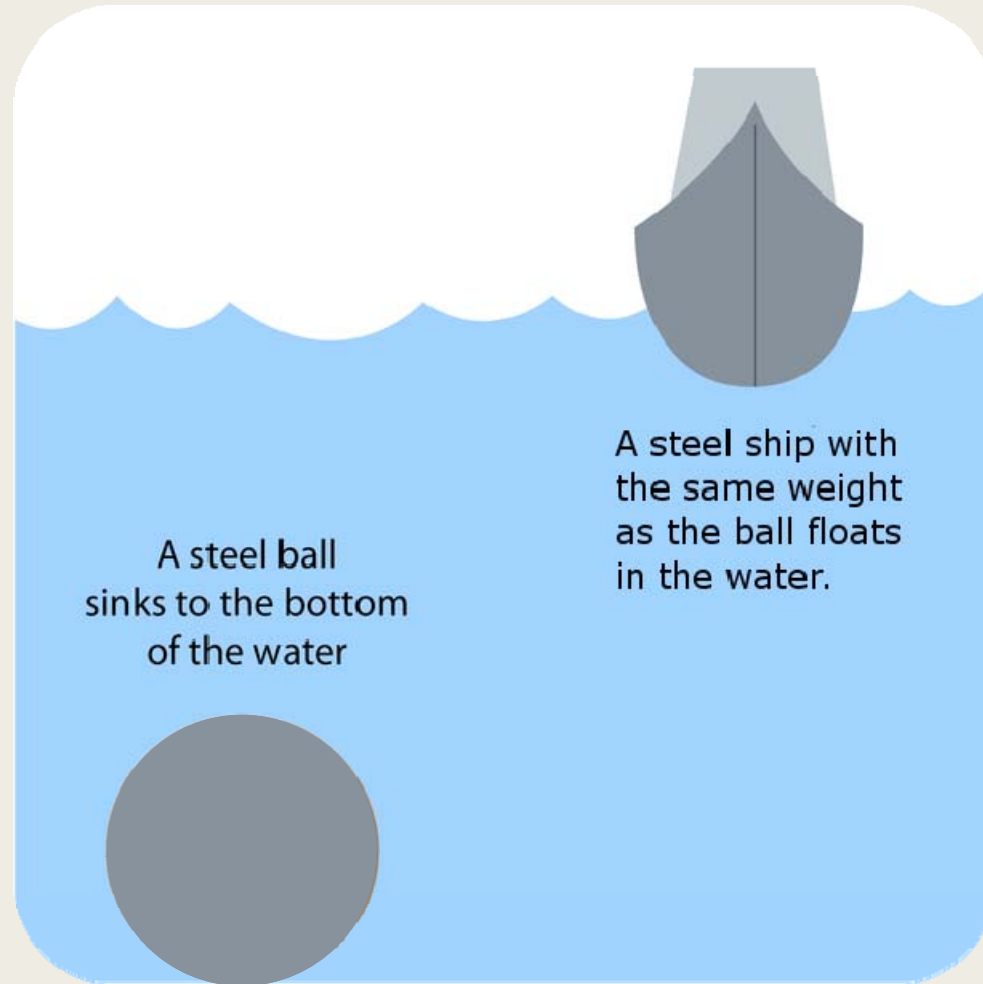


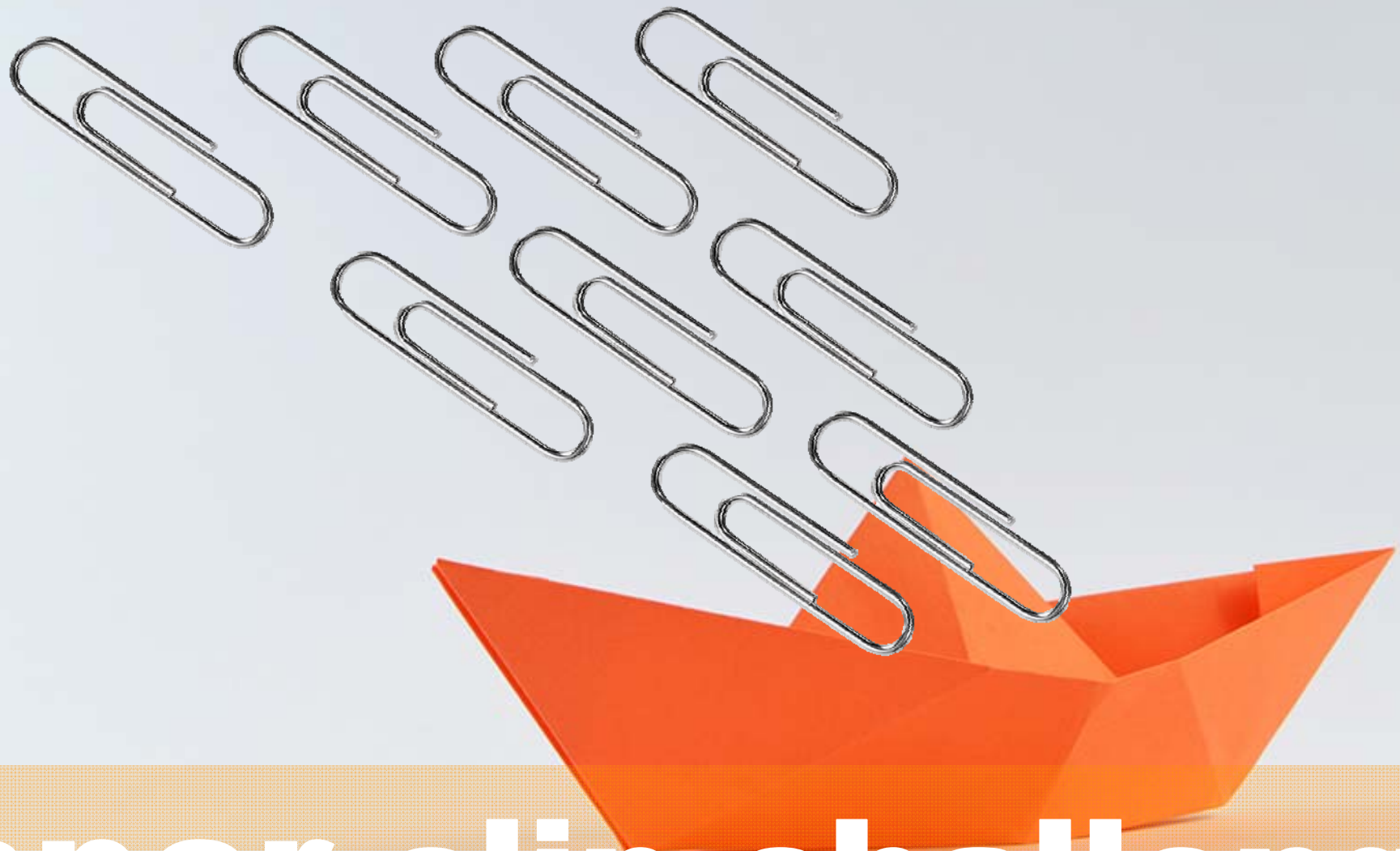
*metal*



# Sink

Boat floats because of its **shape**.





**paper clip challenge**