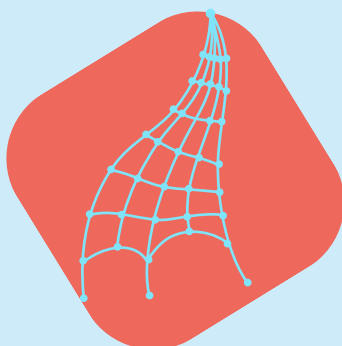
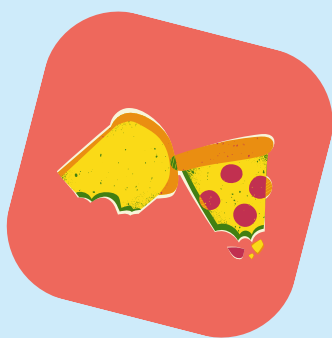


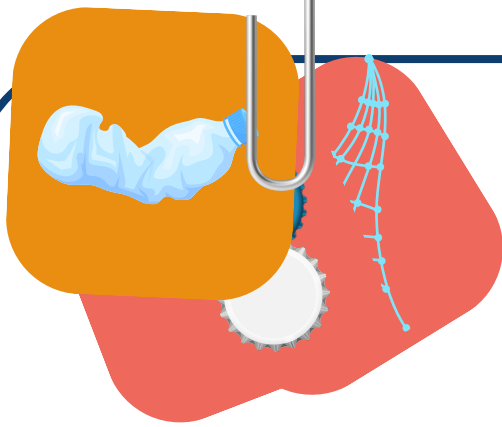
LEVEL 2

ENIGMATHICQ

## ACTIVITY 4

### Operation beach patrol






## Mission sheet 4: Operation beach patrol

### TOOLS

- The hotspot trash cards
- The mission sheet
- A calculator


### BEACH PATROL

Tonight, hatchlings from nearby nests will cross the beach to reach the sea. WWF volunteers have already collected the waste from two hotspots. Now it's your team's job to record the data and think about what this means for the turtles.


Type of Trash 	Why it's Dangerous for Baby Turtles
Bottle caps, straws, snack wrappers	Small : look like food, easy to swallow → block the stomach, deadly.
Plastic bottles, bags, beach toys	Large : block the way to the sea → hatchlings lose energy, get lost.
Fishing nets	Large: Can trap hatchlings → easy prey for predators.
Aluminium cans, glass	Small and sharp : can hurt hatchlings.
Batteries, electronics	Small: Poison sand & water.
Food waste	Small: Attracts rats & predators to nests.




## TEAM ROLES

 Navigator : opens the envelopes and shows the cards

Name \_\_\_\_\_

 Recorder : fills in the table with totals

Name \_\_\_\_\_

 Counter : checks numbers and compares hotspots

Name \_\_\_\_\_

 Presenter : explains the team's reasoning

Name \_\_\_\_\_

## TRY

1. Open each envelope and look at the cards inside.

2. Record the totals written on the back for each hotspot in the table below.

3. Compare: Which hotspot has more small items? Which has more large items?

Hotspot	Small items	Large items	Total
Hotspot A			
Hotspot B			

## THINK

Which hotspot looks more dangerous for hatchlings and why?

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## REFLECT

One thing I discovered about beach waste...

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One idea from my teammate that helped us...

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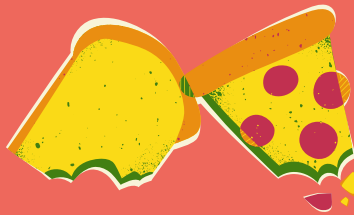
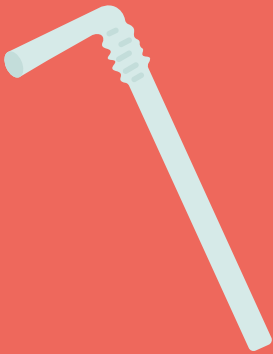
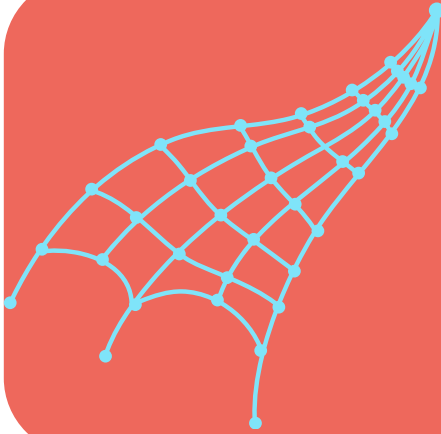
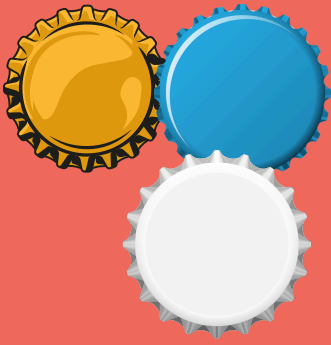
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One solution I think humans should use to protect hatchlings...

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## Trash cards - Hotspot A



## Trash cards - Hotspot A



**1243**

**15**

**1520**

**161**

**297**

**829**

**711**

**118**

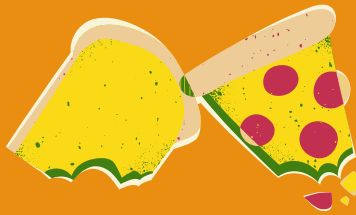
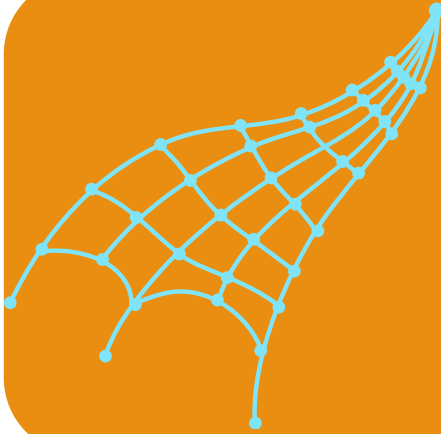
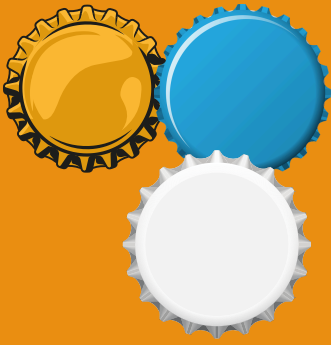
**220**

**101**

**80**

**286**

## Trash cards - Hotspot B



## Trash cards - Hotspot B



**1239**

**19**

**1143**

**414**

**698**

**622**

**307**

**183**

**120**

**259**

**130**

**241**