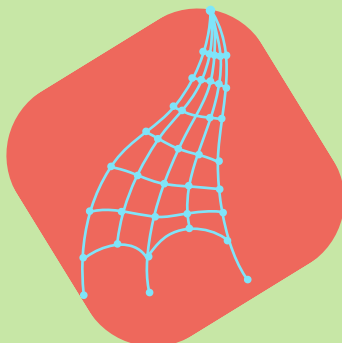
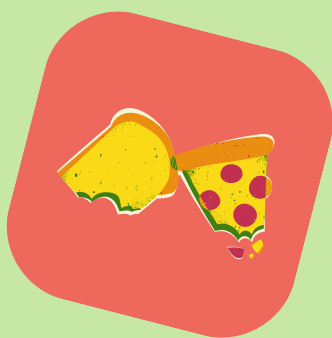


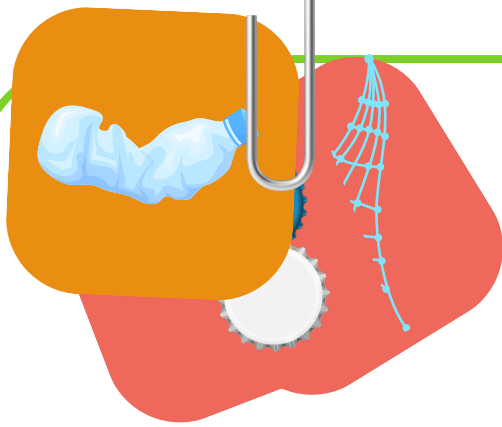
LEVEL 1

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 and make them 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?

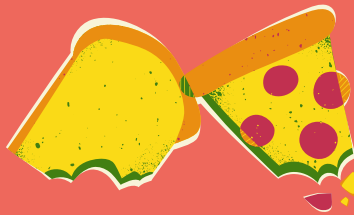
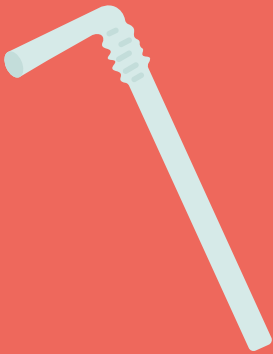
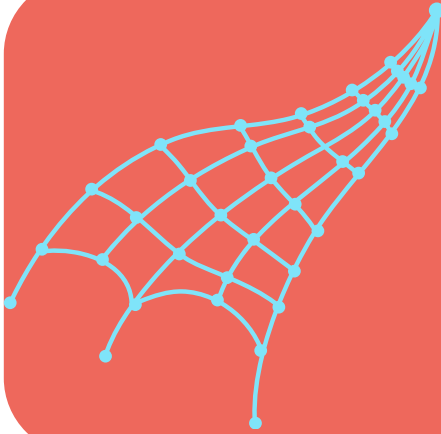
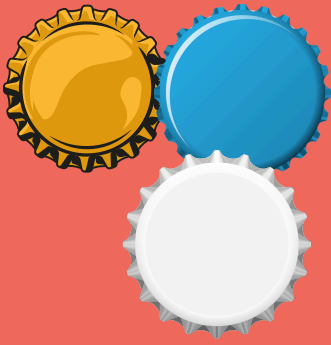
REFLECT

One thing I discovered about beach waste...

One idea from my teammate that helped us...

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

Trash cards - Hotspot A



Trash cards - Hotspot A



92

12

61

23

30

84

70

12

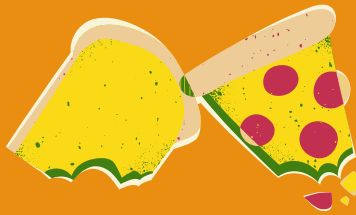
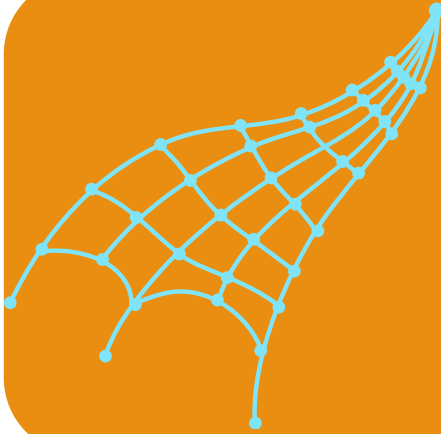
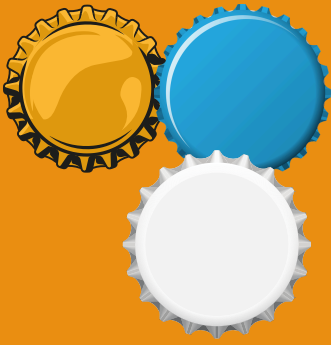
30

32

54

40

Trash cards - Hotspot B



Trash cards - Hotspot B



74

18

96

40

80

62

33

14

29

18

45

20