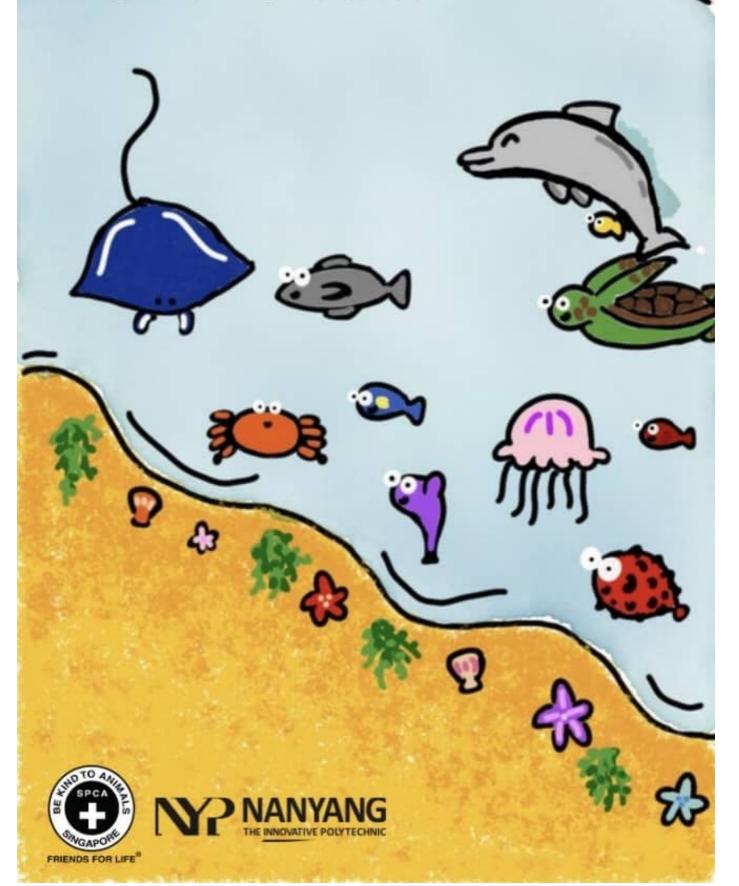
# The Guardians Of the Sea!





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Supported by the Animal Action Grant 2021



# Acknowledgements:

Firstly, we would like to thank Ms Linda Leong, our personal mentor, for being so supportive and helpful during this SPCA project journey. Also, we are thankful towards our siblings for giving us time to use their computers and aiding us in designing Pearlette, the sea dragon.

Secondly, we are sincerely appreciative of the Society for the Prevention of Cruelty to Animals (SPCA) for giving us this opportunity to start on this meaningful project. Through this book, we hope to bring about changes in people's attitudes and behaviours towards the environment, especially towards our seas, so as to make a positive difference in our world.

Thirdly, we are thankful towards our school for being extremely supportive during this journey. Special thanks to the management team of our School of Health & Social Sciences and NYP Communications & Outreach Department for helping us review what we have done thus far and providing valuable feedback.

Lastly, we would like to thank our readers. We aim to raise awareness through this comic, and that upon reading, you will be encouraged to care for the environment, our seas and the sea creatures.

"I alone cannot change the world, but I can cast a stone across the waters to create many ripples."

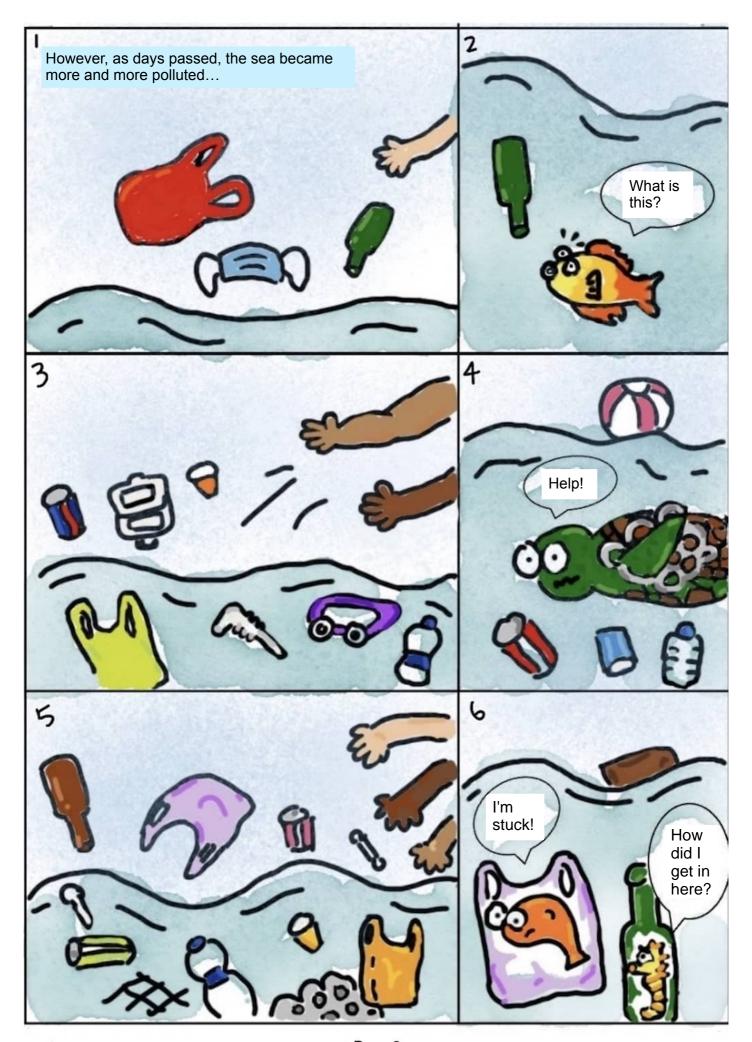
-Mother Teresa

## Foreword:

Hello there, little guardians! We are a team of nursing students who have come together to create this book with the aim to raise awareness about sea pollution in Singapore! We hope that through this book, you will be inspired to be like Shu Fen, Nana, Lavik, and Michael, to not litter, and to spread awareness to your friends to care for our environment, in particular, our seas and the sea creatures. With your help, we can make our world a better place.



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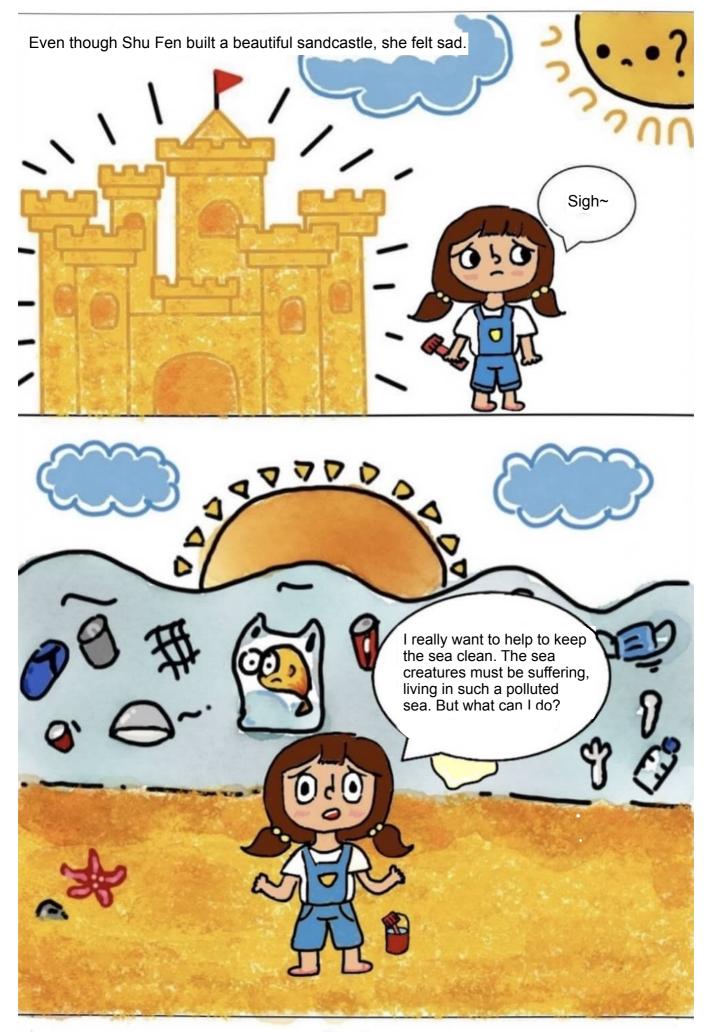
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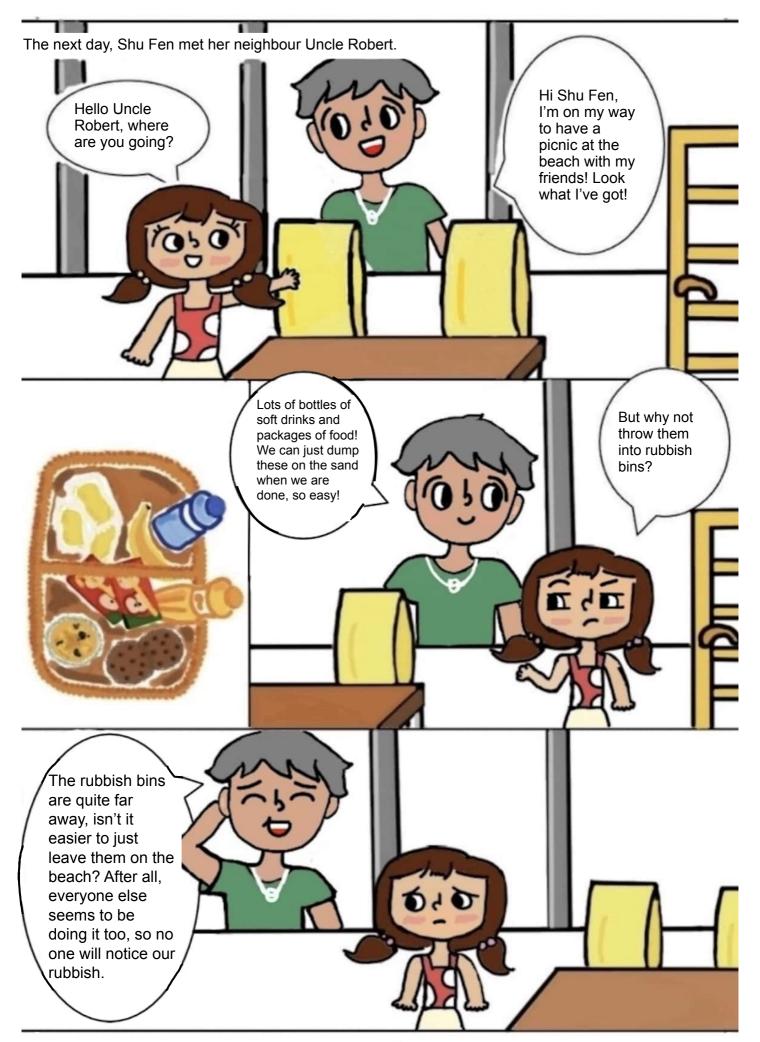
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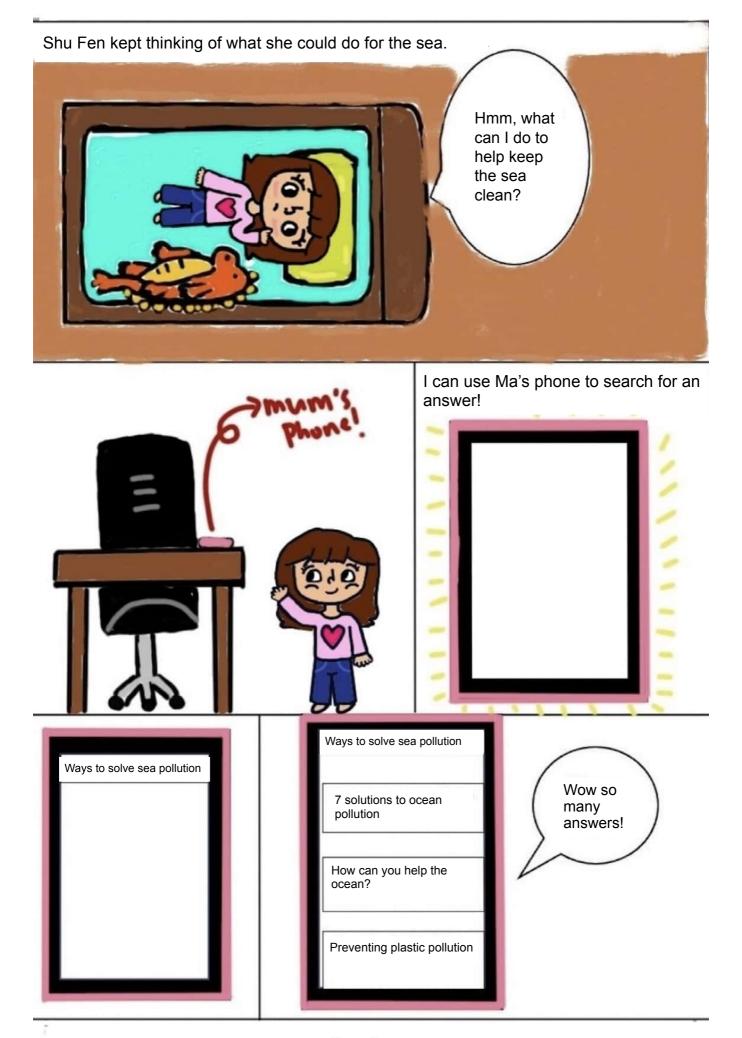
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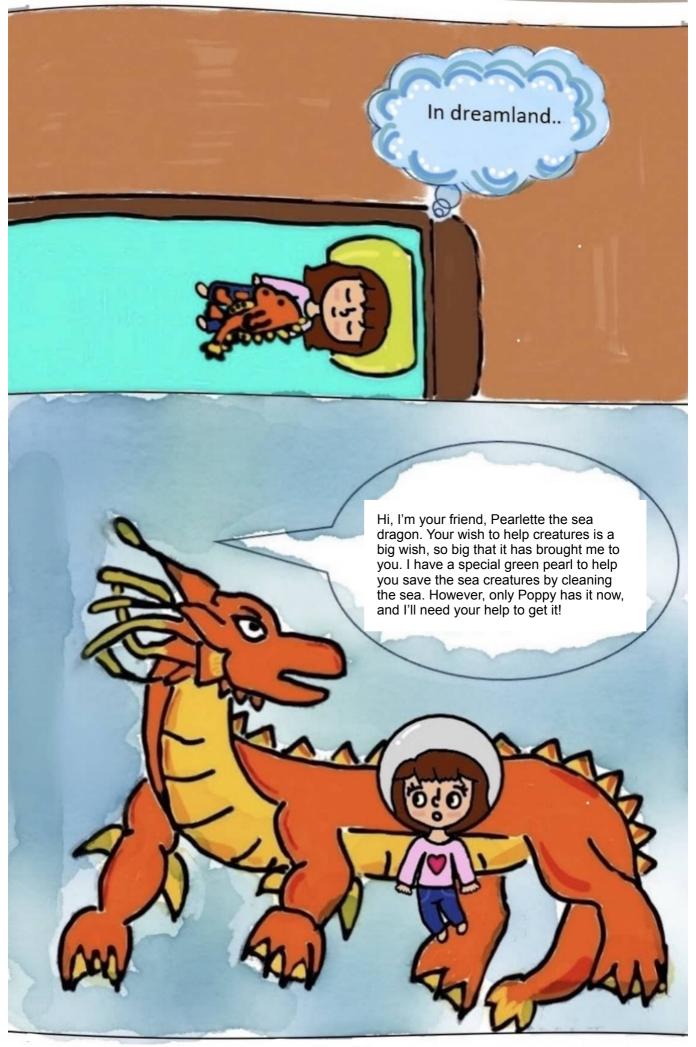
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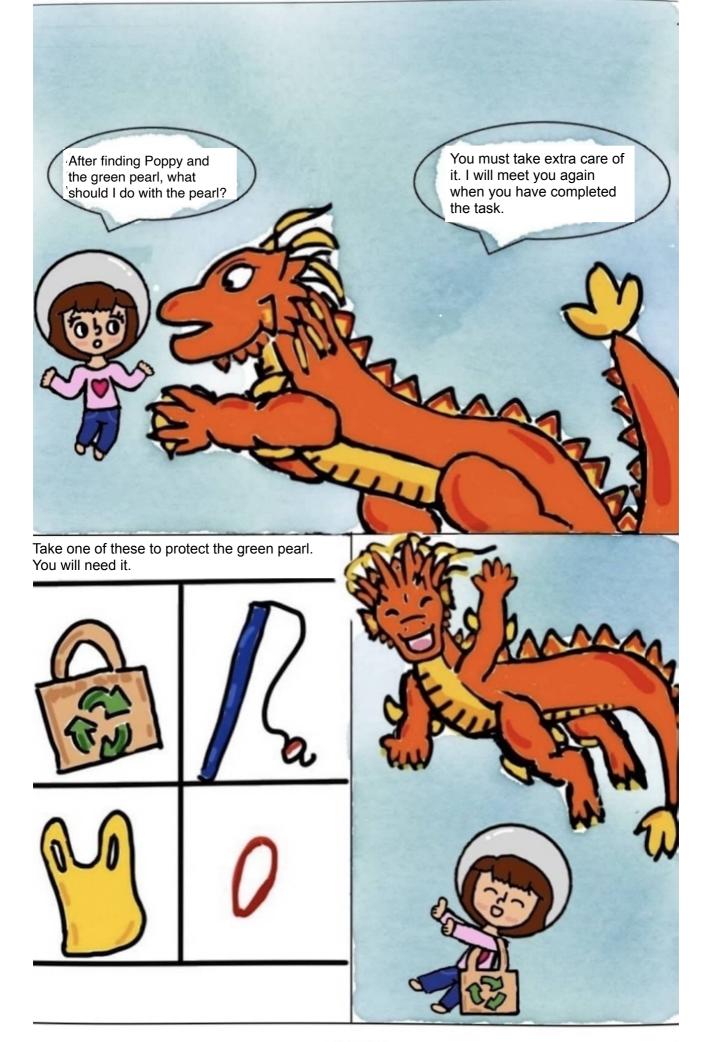
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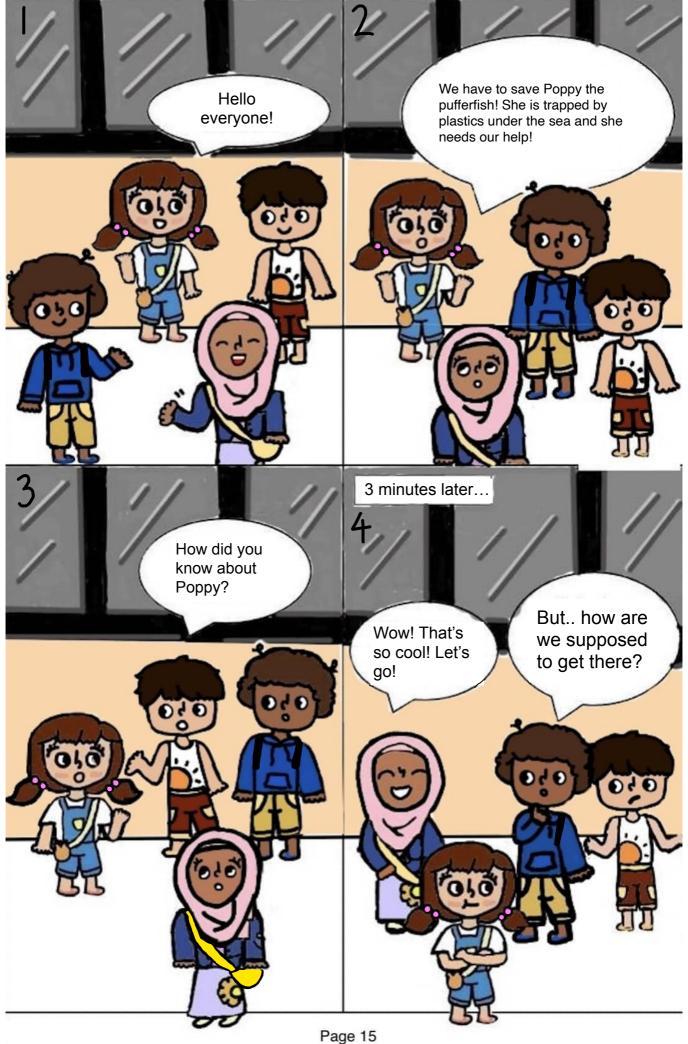




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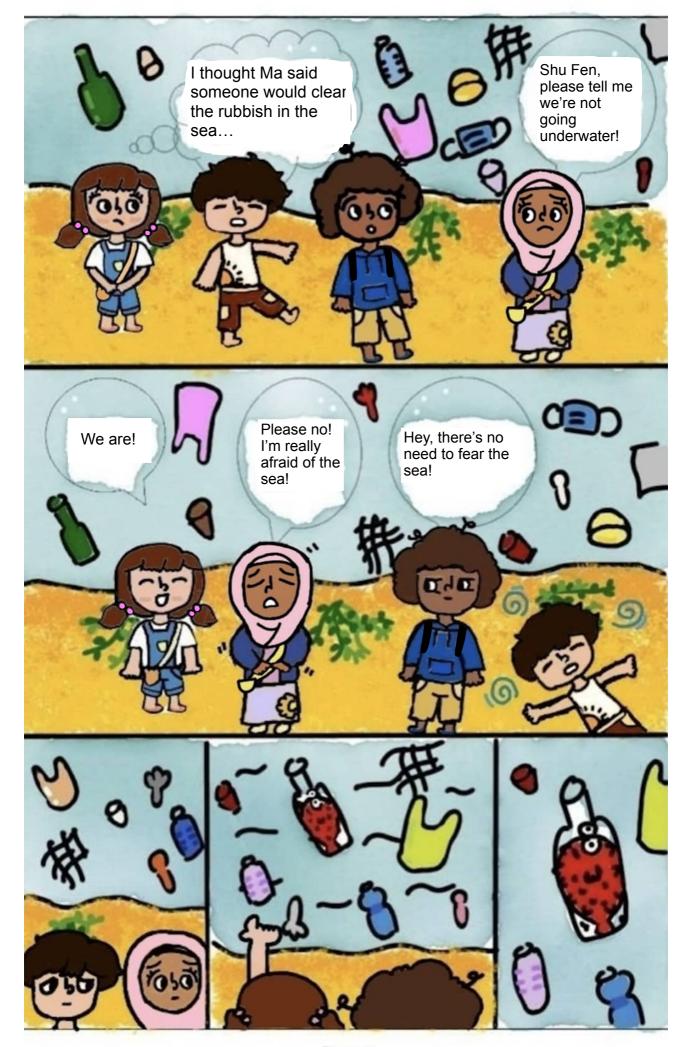


# It's a slide!





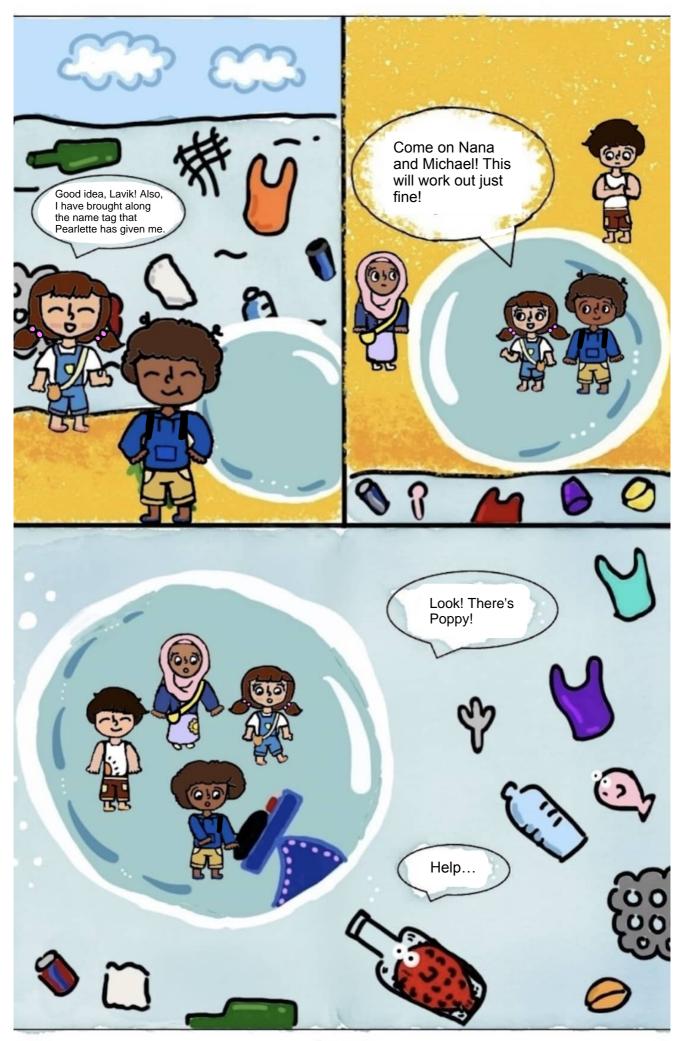
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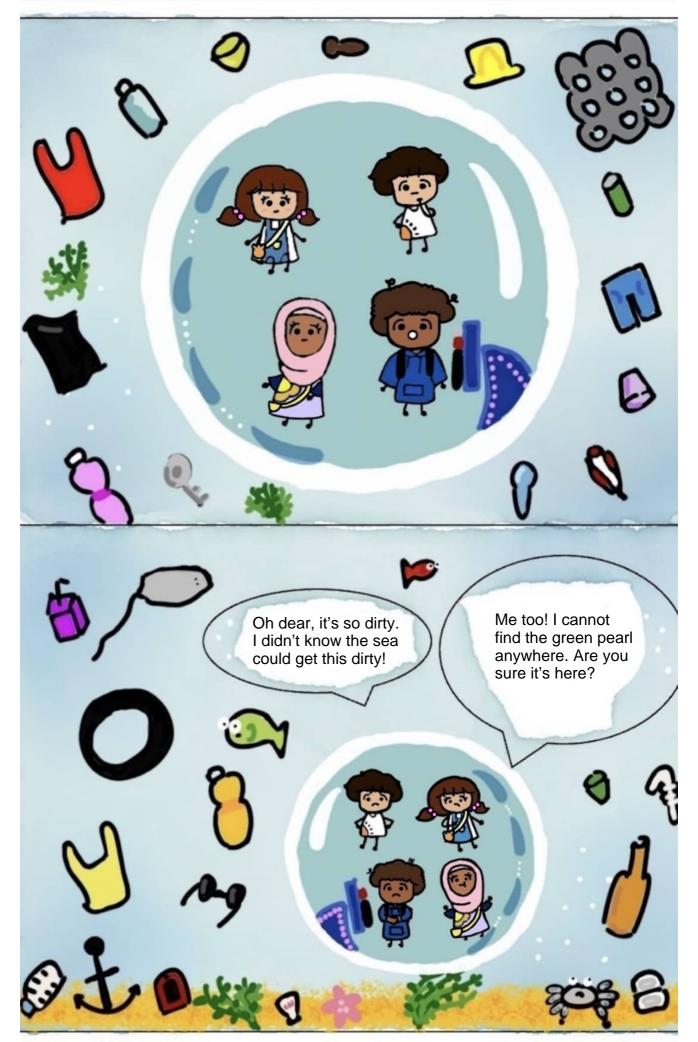
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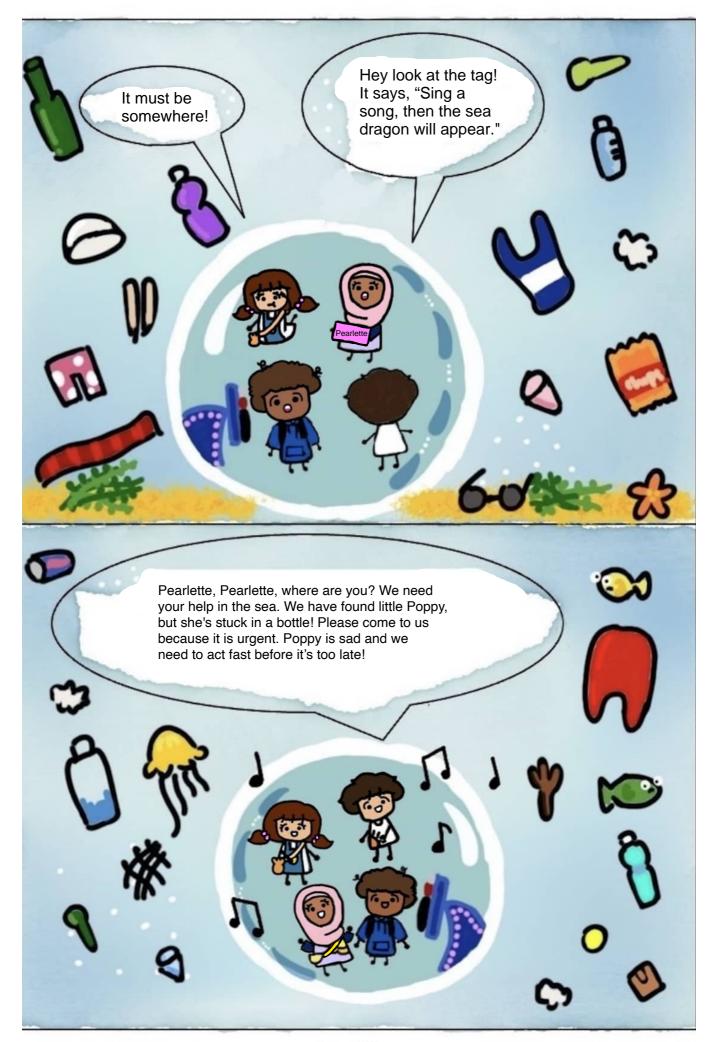
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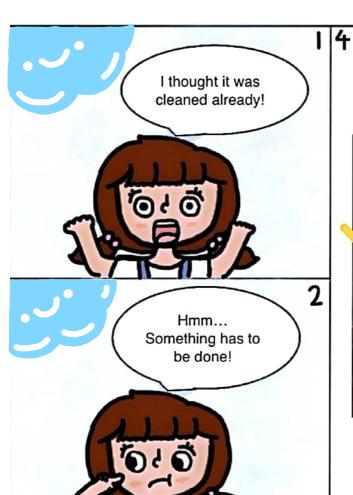
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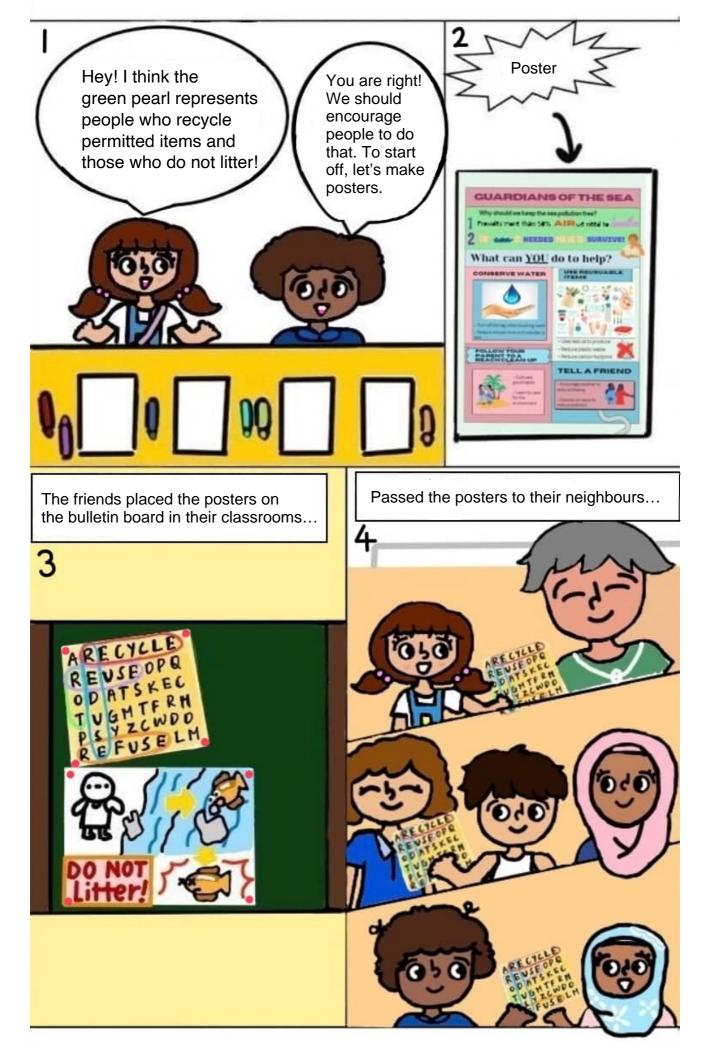
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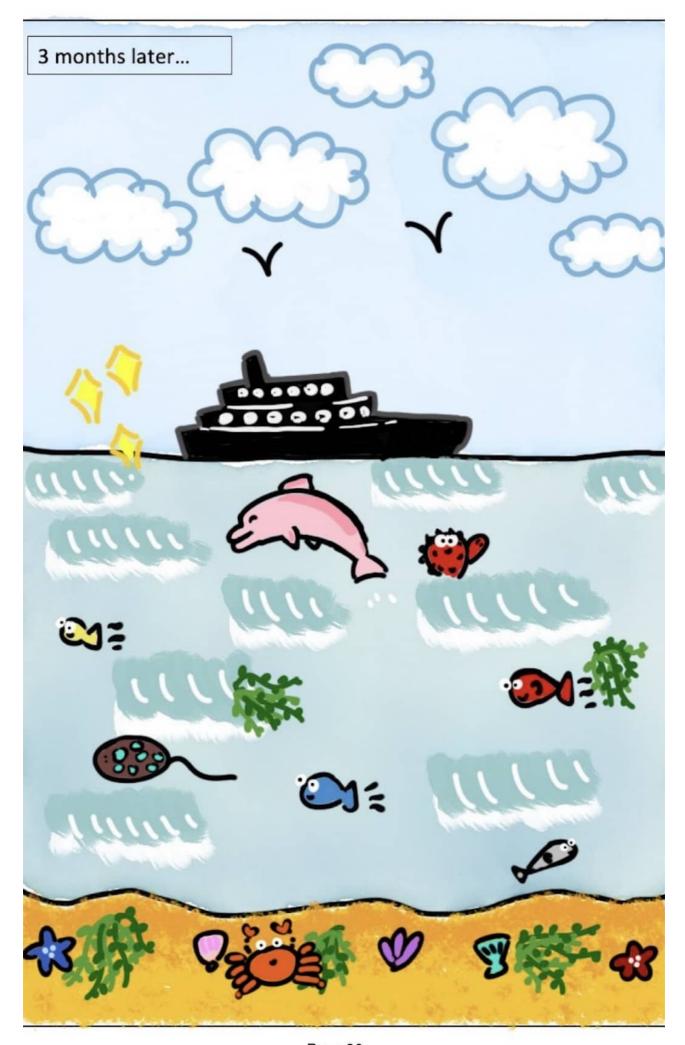








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The Green Pearl represents people who do not litter and those who keep the beach clean.

We have this one and only Earth. The clock is ticking for our Earth. Would you be the HERO to save our Earth by caring for the seas and sea creatures by not littering? We know you can, guardian!



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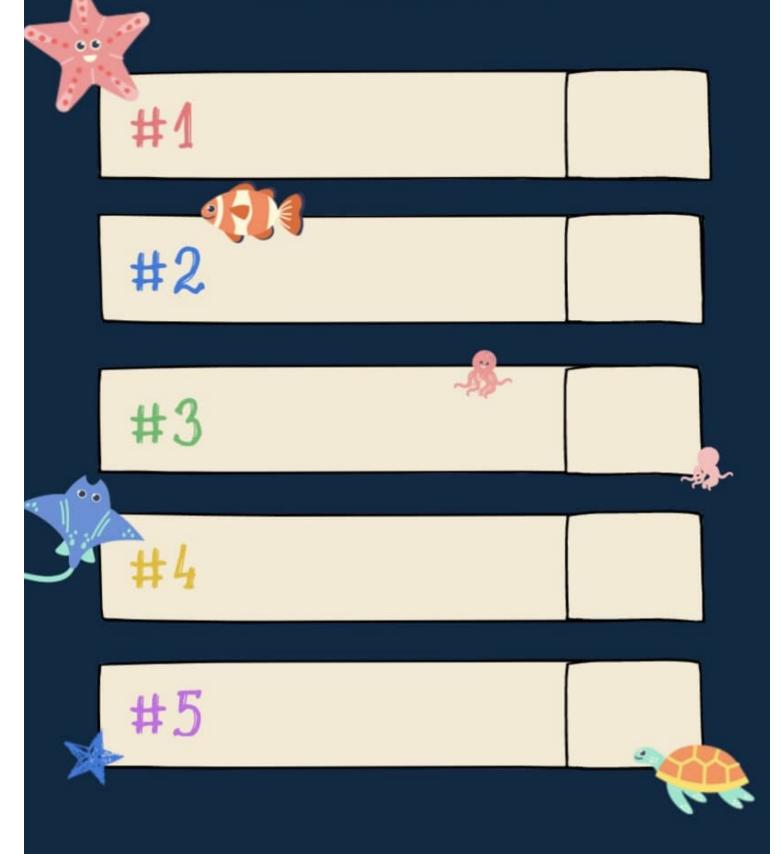
# Let's play our part to keep our SEAS CLEAN.



# CHECKLIST:



What will you do to save our sea creatures?



## **GUARDIANS OF THE SEA**

Why should we keep the sea pollution free?

Provides more than 50% of AIR we need to breathe

The SEA is needed for us to SURVIVE!

(Marine Conservation Institute, 2020)

# What can **YOU** do to help?

#### CONSERVE WATER



- Turn off the tap when brushing
- Reduce shower time to 8 minutes or less (Valurio Courty Florido 2022)

(Volusia County Florida, 2022)

## FOLLOW YOUR PARENT TO A BEACH CLEAN-UP



#### USE REUSABLE ITEMS



#### Benefits:

- Uses less fuel to produce items
- Reduces plastic waste
- Reduces carbon footprint

(Be Bottle Co. 2020)

#### TELL YOUR FRIENDS

 Encourage one another to reduce littering

 Discuss ways to reduce pollution



## Consequences of water pollution

#### ILLNESSES

How does water pollution cause people to fall sick?



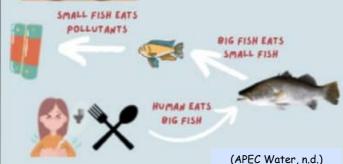
 Contaminated water contains bacteria & viruses that make people ill

(Denchak, 2021)

#### AFFECT THE ECOSYSTEM



How does water pollution affect the ecosystem?



### MALNUTRITION

How does water pollution cause malnutrition?



Consumption of polluted water causes diarrhea leading to malnutrition

(WellWo, 2021)

## AFFECTS SEA ANIMALS' BREATHING

Pollutants that contain chemicals help algae grow

Bacteria tends to be attracted to algae

Causing plenty of algae to float. This the amount of

oxygen in sea

I can't breathe.

(National Ocean Service, 2019)

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