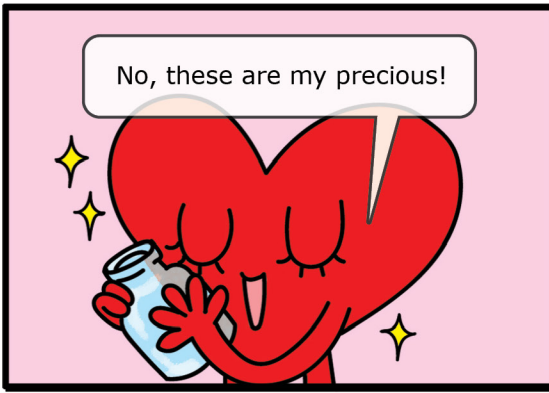
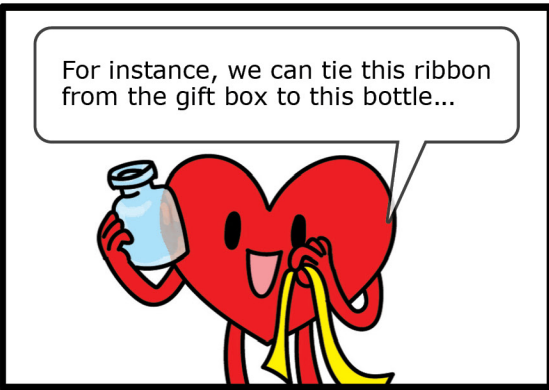


Look at what I found!

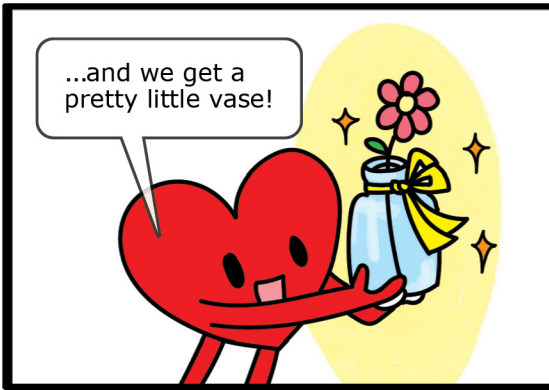
Those are trash which I'm bringing to the recycling bins



No, these are my precious!



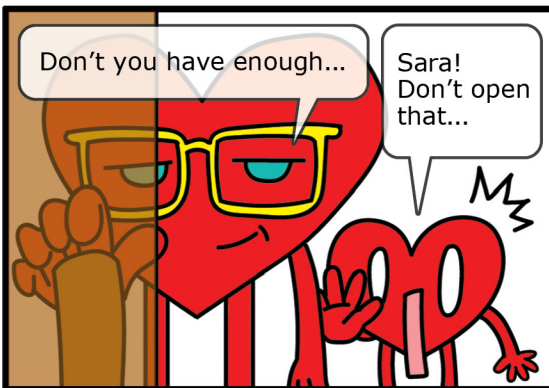
For instance, we can tie this ribbon from the gift box to this bottle...



...and we get a pretty little vase!

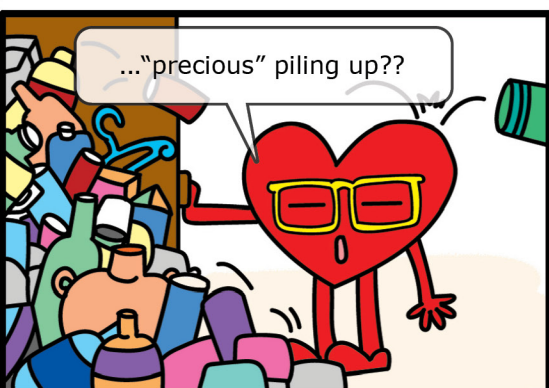


This plastic bottle just needs a few holes to become a self-watering systems.



Don't you have enough...

Sara! Don't open that...



..."precious" piling up??



Your recyclable items are becoming a stash of trash at home!

småles matters BUG NEWS



Autumn 2021



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Hej småles!

It's been an adventurous summer learning about the history of transportation.

In this issue, we explore an important topic called "Sustainability". Join us as we learn What it is about from page 4 onwards, and how we can play our part on pages 14, 15, 18 and 19.

We hope that all of you will find this topic important and interesting too. Have fun learning this Autumn!

With Big Bug hugs,
Sara

What's happening in the world today?

Air pollution

Air pollution harms around seven million people worldwide every year. From smog created from vehicles and factories to smoke inside the home. It poses a big health risk and causes breathing issues like asthma, lung cancer or heart disease!

Did you know?

9 out of 10 people breathe in unhealthy air that contains high levels of pollutants, which exceeds WHO (World Health Organisation) guideline limits.

Rising Temperature

Summer has just passed, and it was hot then, but can you imagine it being even hotter in the future?

Temperatures will continue to rise, because of greenhouse gases produced by human activities. There will be longer and hotter heat waves, more loss of sea ice and faster rising of sea water levels.

Sources:

- https://www.who.int/health-topics/air-pollution#tab=tab_1
- <https://climate.nasa.gov/effects/>

Did you know?

Our bodies are mostly made up of water.

Water pollution

People and living things depend on water greatly! However, we are not taking care of it and are allowing trash or toxic substances to enter waterbodies and destroy the quality of water we have.

Deforestation

Can you imagine losing your home suddenly? Well, because of deforestation, that is happening to a lot of animals, plants and some people living in the forest or jungle today.

Their homes are being cleared out to make space for something else.

However, we need trees for good reasons, such as:

- Absorbing carbon dioxide that we exhale and giving us fresh clean air.
- Trapping greenhouse gases that we create which helps lower temperatures around the world.



Sources:

- https://www.panda.org/discover/knowledge_hub/teacher_resources/webfieldtrips/water_pollution/
- <https://www.nationalgeographic.com/environment/article/deforestation>

Why should we care?



If we don't start caring more for our planet, we will not be able to enjoy the wonderful things the earth has to offer, like the nice weather or fresh clean air and water.

The world would be full of smoke. With too many vehicles polluting the air, but so little trees left to help clean it. All seasons will get hotter because of the rising temperatures. Contaminated water will increase, which becomes a health risk for humans and animals to drink."

Can you imagine living in a world like that? Earth is the only home we have, and it has all the things we need. It is up to us to take care of the Earth.



What is sustainability?



Sustainability means that a process, resource, or state that can be continued at a certain level for as long as it is needed. Take for example, the earth's many resources – most of them are finite. Which means, there will come a time in the future when the resources will run out.

The population of people has grown hugely in the past two centuries. Resources for food, build houses, goods, transportation and electricity being used faster than they are created. We will not be able to continue at this pace if we want our future generations to enjoy what we have now.



Sources:

- <https://www.twinkl.com.sg/teaching-wiki/sustainability>
- https://www.nationalgeographic.org/article/conserving-earth/?utm_source=BiblioRCM_Row

Environmental Sustainability

Environmental sustainability is most often talked about, which means to have all of earth's environmental systems kept in balance. Natural resources used at a rate where they are able to replenish themselves. Trees that we cut down has time to regrow and animals or plants have time to reproduce and not become extinct.

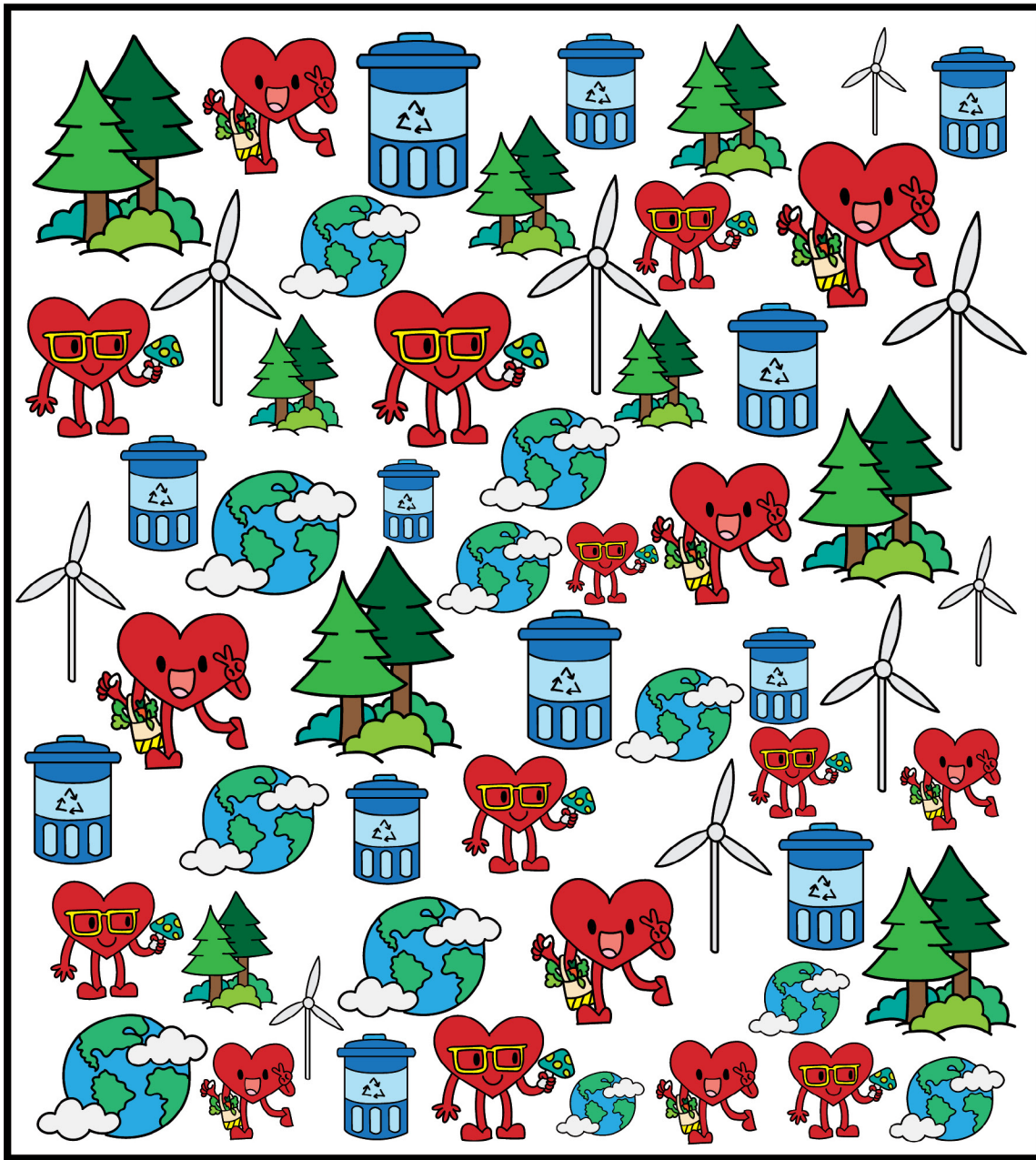
These are all part of earth's foundation. When something runs out or becomes extinct, it's like removing a block from the middle of a tower of blocks - it becomes unstable and may collapse.




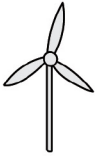
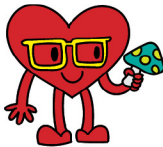

Scientists and governments are encouraging everyone to save the earth. With sustainable forms of renewable energy, like solar and wind power as they are infinite.

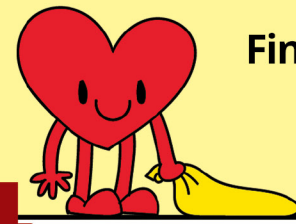
Reducing deforestation, over hunting, carbon footprints and pollution in the water, soil and air will also play a great role in protecting the earth as well. This ensures better health for the planet and people in the future.

- Sources:
- <https://www.twinkl.com.sg/teaching-wiki/sustainability>
 - <https://www.mcgill.ca/sustainability/files/sustainability/what-is-sustainability.pdf>

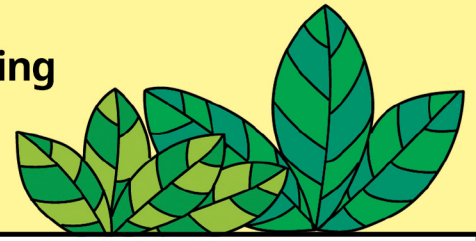
Help Sara to count count the pictures



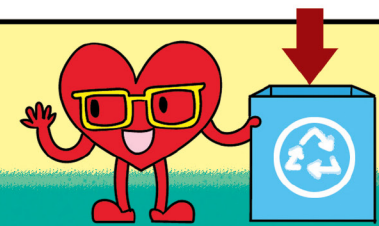
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Find your way out using recyclable items



Plastic bottles	Medicine	Dust	Mask	Banana	Ceramic plate
Printed paper	Steel screws	Disinfectant	stone	Ink	Thermometer
Soup	Glass jar	Plastic cup	Books	Used wet Tissue	Shoes
Leftover food	Lipstick	Dirty food	Biscuit tin	Household battery	Potato chip packaging
plastic bag	Bakeware	CDs	Drinking bottles	Medical needles	Lightbulb
Peanut shell	Meat	Toilet roll core	Cigarette end	Toys	Fish bones
Candy	Used paper towel	Clean plastic cutlery	Cactus	Soil	Photograph
brick	Soiled Diapers	Empty paint can	Egg tray	Cardboard	Water
Disposable wooden chopstick	Mirror	Styrofoam cup	Syringe	Empty gas can	Video tape
Calendar	Pizza boxes	Window	Used tissue	Soap bottle	Newspaper
bio-degradable bags	Tulips	Popcorn	Food waste	Insects	Glass cup
Straw	Gloves	Straw hat	Tile	X-ray film	Canned drink





**Spot the
difference**

Can you spot 20 differences?
Circle and number each
difference you can find!

Send in your answers with your name, Smãlish passport number,
age, address and contact details to sara@smales.com.my
or **smales, No.2, Jalan PJU 7/2, Mutiara Damansara, 47800
Petaling Jaya, Selangor** by **30 November 2021**. 30 lucky winners
will each win a **VITMOSSA Throw**.



Ideas for things we can reuse

Here are some interesting ideas you can reuse with common items found at home.
Empty plastic bottles can be turned into:



Terrariums



bird feeders



self-watering planters



Turn old clothes into tote bags, coin pouches or even pillow-cases!



Turn used oil into soap bars

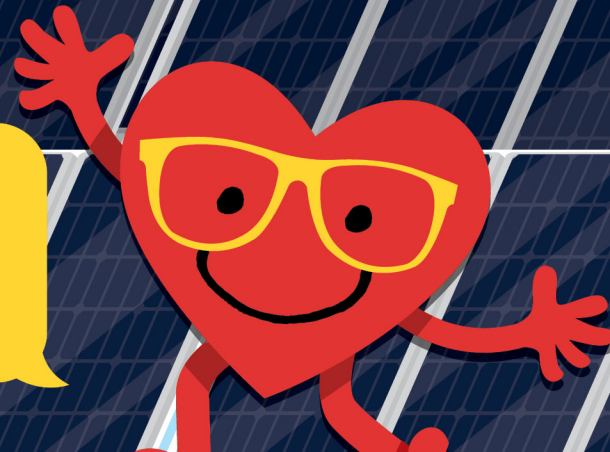


We buy things every day but have you ever wondered how your toys or food were made and how it impacts sustainability?

Well, making clothes, toys, technology and even food requires electricity, water and more. If every business used these resources irresponsibly, to meet the demand and needs of so many people on earth - how quickly will everything get used up? There will be nothing left for the next generation.

IKEA

Why should businesses care too?

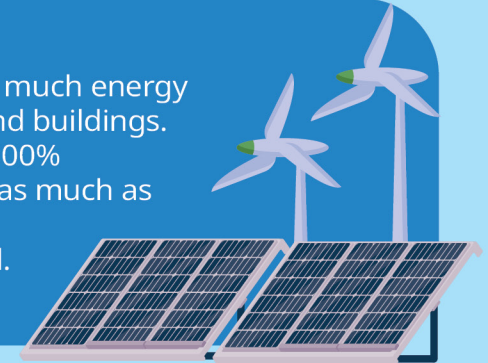


That is why, as a company IKEA is working towards a sustainable future for you. We are now:

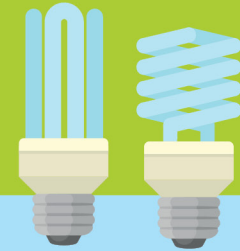
Using more renewable and recycled materials to make our products such as, the cotton we use.



We are always trying to save as much energy as possible in our operations and buildings. In fact, we're working towards 100% renewable energy - producing as much as we consume from sustainable resources like the sun and wind.



To inspire our customers, our entire lighting range now only sells energy-efficient LED.



And we're not done yet! We're just getting started, so we'll continually look for ways to be more sustainable.

Did you know?

IKEA will remove non-rechargeable alkaline batteries by October 2021.

Sources:

- <https://www.ikea.com/sg/en/this-is-ikea/about-us/a-sustainable-ikea-pub4f520608>
- <https://www.ikea.com/sg/en/this-is-ikea/about-us/towards-zero-waste-to-wards-a-better-tomorrow-pub28dfcca1>
- <https://www.ikea.com/sg/en/this-is-ikea/sustainable-everyday>
- https://www.ikea.com/sg/en/files/pdf/7b/4b/7b4b0cb0/ikea-southeast-asia-alkalisk-batteries-phasing-out-press_release_sg.pdf

How can we play our part?

We want to encourage you to do your part too. Everything may seem like small steps, but that's the beauty of small actions – they all add up and we'll get to live a cleaner, healthier planet for the future. Try doing some of these sustainable habits:

1 If you can, cycle or walk instead of taking the car.



2 Turn off taps or electrical devices when not in use.



3 Save paper by thinking before your print.



4 Sort your recyclables – Waste, Paper, Plastics, Metal, Glass, etc.



5 Eat mindfully and not take more than you need.



6 Create your own compost and grow your own vegetables.



7 Learn more about sustainability & share your knowledge with your family and friends.



INBOX @ SMALES

Best letter

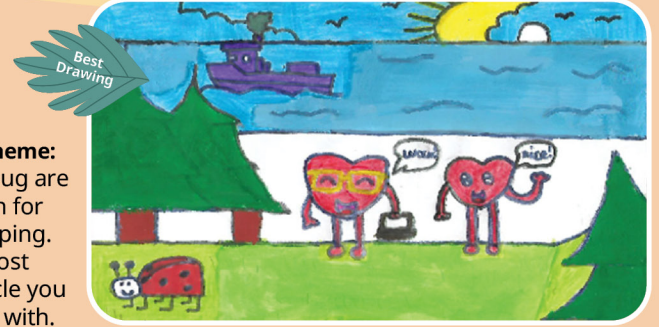
Summer is here! For vacation, Sara and Bugbug decided to take an overnight train to another city. After packing their things, they went to the train station and bought the tickets. The train they were supposed to get on will arrive for about 30 minutes, so they decided to wait on an available bench. Then, a girl who was walking in front of them accidentally tripped and her things were scattered around them.

"Are you okay, miss?" Sara asked the girl. Sara then helped her to get up while Bugbug was gathering some of her things. The girl smiled and said, "Thank you so much! You two are so kind! May I ask where you might be going?" Bugbug then answered, "We are taking the train headed for City Smaland for our vacation, which is going to be here in about 10 more minutes!" "What a coincidence! I am heading there too! Sorry for not introducing myself before, my name is Lily, what's yours?" "We are Sara and Bugbug! Since we're going to the same city, why don't we just sit together in the train?" Sara asked the girl named Lily. "Of course! I would love to go together with you guys!" As they were chatting on the bench, the train arrived. They got on the train and sat together while Bugbug just sat on Sara's laps. "Why are you headed to City Smaland, Lily?" Bugbug asked. "Oh, I was going to open a pastry shop there." Lily answered. "That explains why you bring a lot of stuff related to pastries, I would love to try them!" Sara smiled and was drooling for some tarts. "Of course! You're welcome to come anytime!" Lily smiled and pat Bugbug's head. After that, they went to sleep for the long trip.

A few hours later, the train arrived on City Smaland. They woke up and got off the train. It turns out that the place where Lily was going to open her pastry shop was in the opposite direction from where Sara and Bugbug's booked hotel directions are. Sara and Bugbug looked a bit sad to be separated from their new friend. "It's okay, my pastry shop is not that far from here, you guys can visit me anytime, but we have to say goodbye for now. You guys should go rest at your booked hotel for now, since I'll be opening my pastry shop at about 5 p.m., see you guys there!" Lily waved at them and they waved at her back, so they went to the hotel to rest after the long trip and planned to head to Lily's newly opened pastry shop.

Last issue's theme:
Sara and Bugbug decided to take an overnight train to other city on their vacation. Along the way they made a new friend! Describe their experience on the train with their new friend.

Muhammad bin Ahmad Mahiyuddin, 11 years-old



Best Drawing

Yong Wing Cheng, 10 years old

Last issue's theme:
Sara and Bugbug are going to town for grocery shopping. Draw your most creative vehicle you think they go with.



Best Drawing

Sheraaz Al-Ryan Bin Sairul Nizam, 8 years old

Letter

Best letter

On the crack of the dawn, Sara and Bugbug decided to take an overnight train to other city on their vacation. Along the way, they made a new friend - Alice, a kind girl at age of nine. Alice was enjoying her amazing overnight train journey when they met.

Alice: Hi, I'm Alice.
Bugbug: Hej, I am Bugbug and this is Sara.
Sara: Hej Alice, nice to meet you
During the afternoon, Sara, Bugbug and Alice were watching the beautiful view from the train. The train travelled on the hillside overseeing the blue ocean.

Sara: Wow, look at the sky and cloud. It is beautiful!
Bugbug: Now the cloud is shape like a sheep and it's soft like a cotton candy.

Alice: I also see black and white clouds in the sky.
Sara: What happen with the sky? Looks like it's turning dark.
Bugbug: Oh, it is raining

Alice: The water from sky is dripping to the ground. It is heavy rain.
An hour later, the rain stopped and an amazing rainbow appeared.

Without hesitation, Sara, Bugbug and Alice took photos together with the rainbow. Soon, it was evening. Sara, Bugbug and Alice were enjoying the spectacular sunset that turned the paddy field into orange colour.

Alice: Let's take photo with the sunset.
Sara and Bugbug: Great idea.
Alice: The sun is big and bright. Now it's disappearing very fast
Sara and Bugbug: Yeah!

Bugbug: Today is a best day ever, we are watching the view from the train and we take many photos with rainbow and sunset.

Alice: Wow, I'm so happy today!
Soon night took over, Sara, Bugbug and Alice enjoyed dinner in an awesome restaurant, decorated with 'Doraemon' wallpapers and table clothes, attached in another deck of the train. After dinner, they listened to the music performance before going to sleep. They returned to their seats that has been transformed to double decker warm beds and bid each other goodnight. It was a fantastic overnight train journey and they enjoyed themselves very much.

Alice: Wow, I'm so happy today!

Soon night took over, Sara, Bugbug and Alice enjoyed dinner in an awesome restaurant, decorated with 'Doraemon' wallpapers and table clothes, attached in another deck of the train. After dinner, they listened to the music performance before going to sleep. They returned to their seats that has been transformed to double decker warm beds and bid each other goodnight. It was a fantastic overnight train journey and they enjoyed themselves very much.

Charmaine Teh Sher Mean, 11 years old

Sara and Bugbug are on the way to the forest for a picnic. As they arrived, Bugbug gasped in horror and both of them could smell... What do you think was at the picnic site and what did they do?

Include your name, age, Smålish passport number and address, and send your drawing to sara@smales.com.my or smales, No.2, Jalan PJU 7/2, Mutiara Damansara, 47800 Petaling Jaya, Selangor by 30 November 2021. 2 lucky winners will each win a JATTELIK Soft Toy.



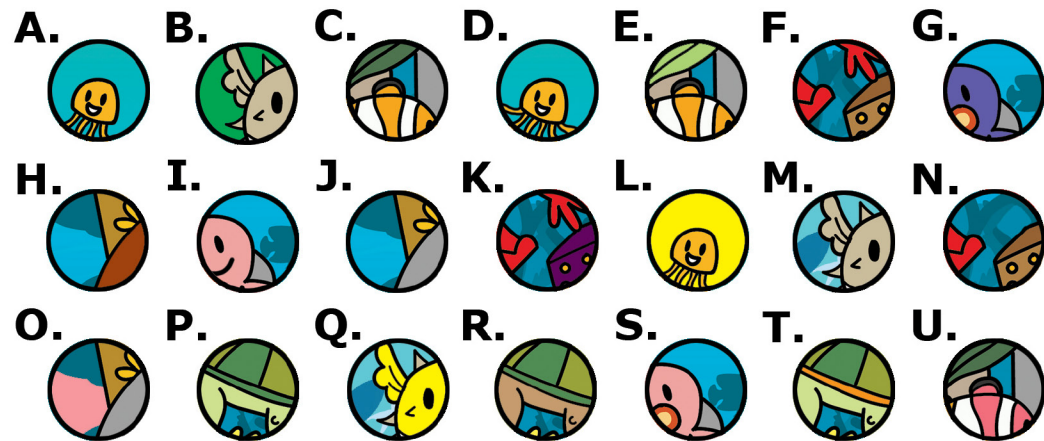
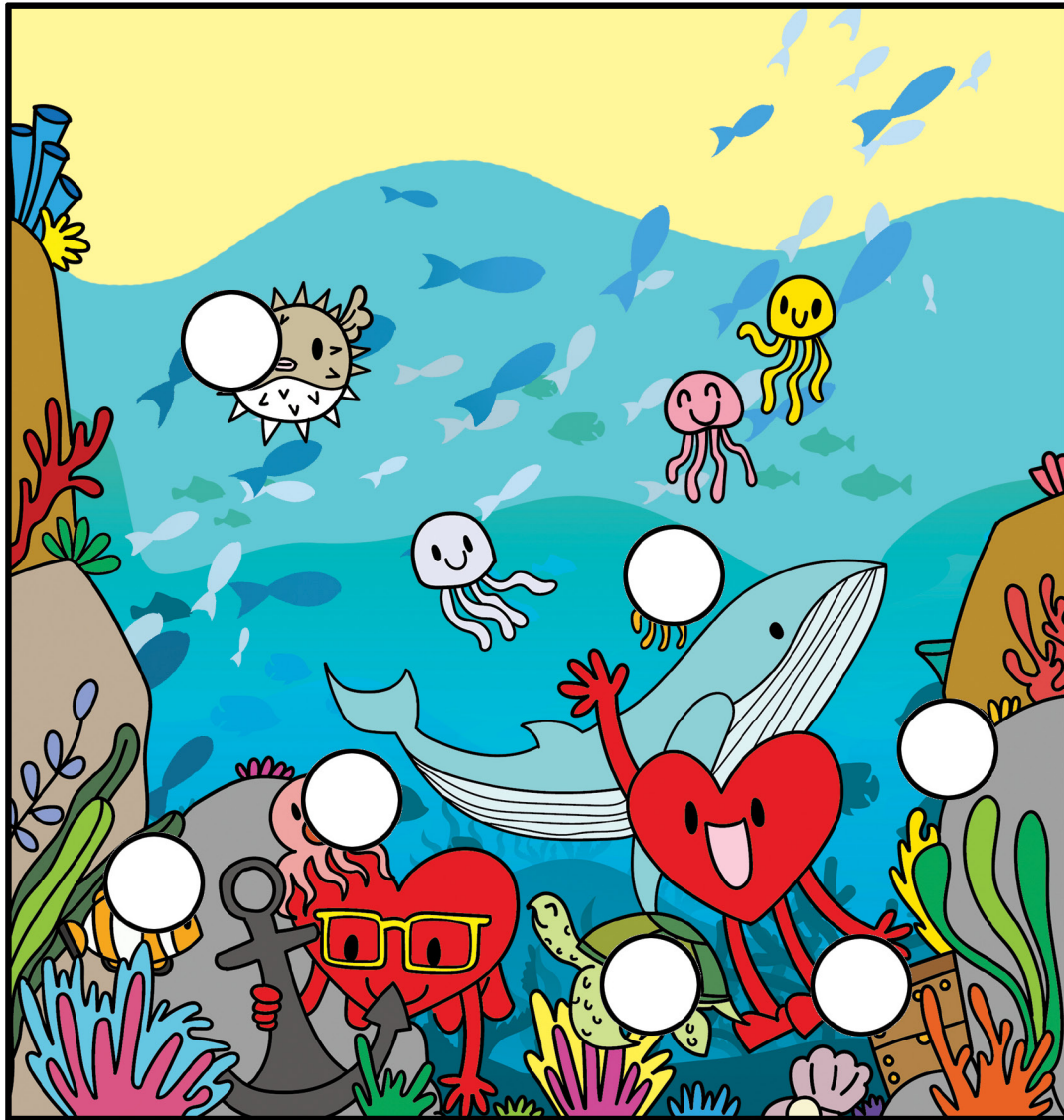
Next issue theme:

Sara and Bugbug are recycling old items to build their sustainability mascot. How do you think their mascot turned out?

Include your name, age, Smålish passport number and address, and send your drawing to sara@smales.com.my or smales, No.2, Jalan PJU 7/2, Mutiara Damansara, 47800 Petaling Jaya, Selangor by 30 November 2021. 2 lucky winners will each win a FLISAT Knob rack with 4 knobs.



Find the missing pieces



Wreck this page

Fill this page up with as many ways you can be more sustainable. Here's another one - Bring your own food containers when you are intending to order food to go.

