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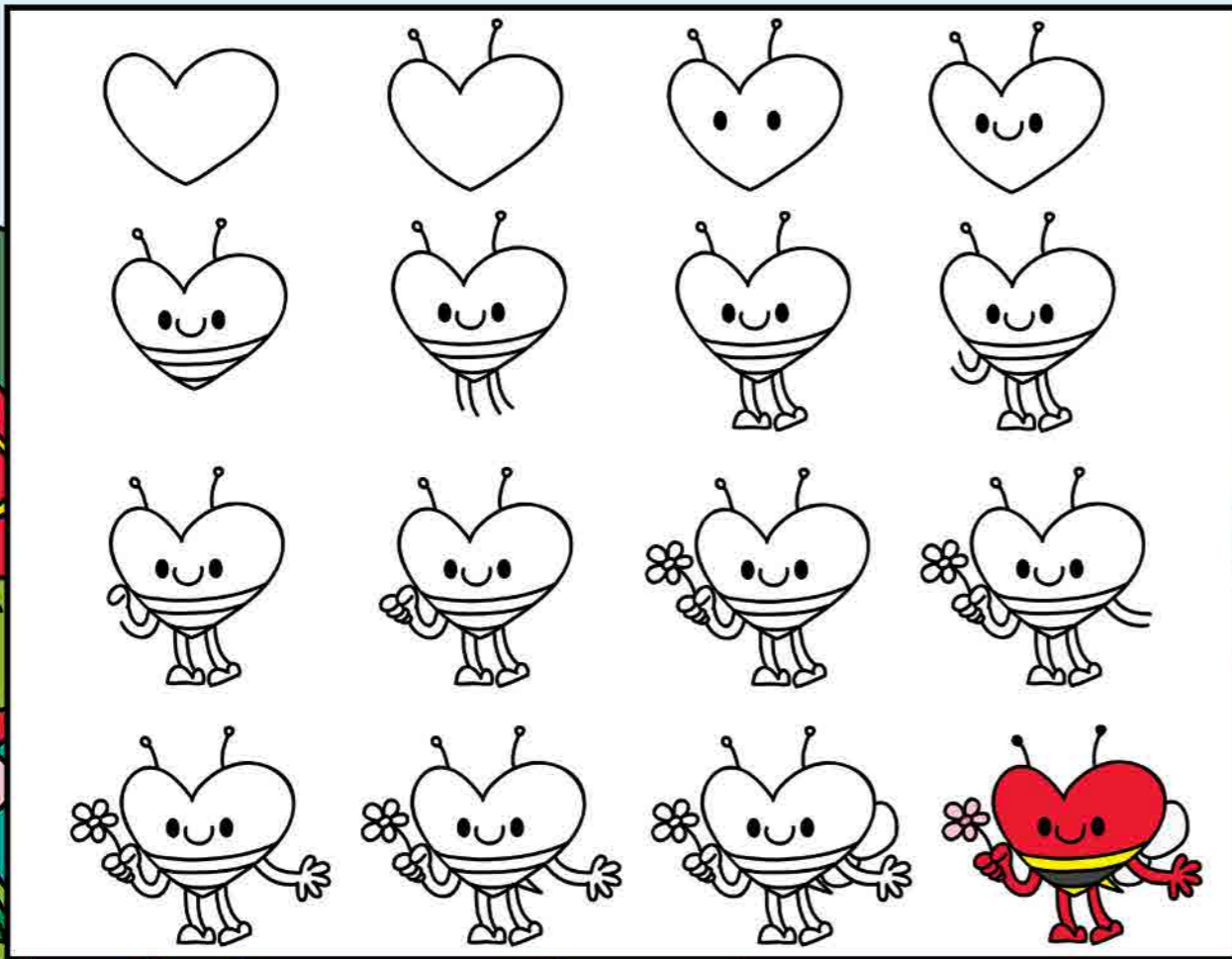
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Hej småles!

Vår (Spring) is back again! Don't you just love it - when the plants are blooming, the animals are out and the bees are buzzing around? In this issue, we want to share our love for the bees with you. Hopefully you'll find them as interesting and will want to protect and love them like we do.

With Big Bug hugs,
Sara

How to Draw



Colour Me

Species of bees



Did you know that there are more than 16,000 species of bees in the world? Even with such a big number, bees can be separated into 2 simple groups: **Social bees** and **Solitary bees**.

Some common **social bees** are:

Bumble Bees

They are known as the big hairy bees and make enough honey only for themselves.

Honey Bees

They are lengthier and smaller compared to bumble bees but are the top pollinator and makes lots of honey, even for us.

Africanised Bees

Also known as the "killer bee". They are much more defensive and faster to sting to protect themselves.



Solitary bees live and work on their own or in a very small group. They do not make honey but only make enough food for themselves and their larva. Most of them are harmless except a few.



Some common **solitary bees** are:

Carpenter Bees

Like their name suggest, they like to make their home in anything wood.



Mason Bees

These bees like to make their home in soft cement of buildings and there is little threat of being stung by them.



Sweat Bees

Also known as 'Alkali bees', they like the perspiration of humans and other animals.



Who makes up the bee colony?

The worker bees are all female bees and their job is to hunt for food, build, take care and protect the hive.

The queen, is the largest bee and survives the longest. She is responsible for laying and fertilising eggs for the next generation of bees.

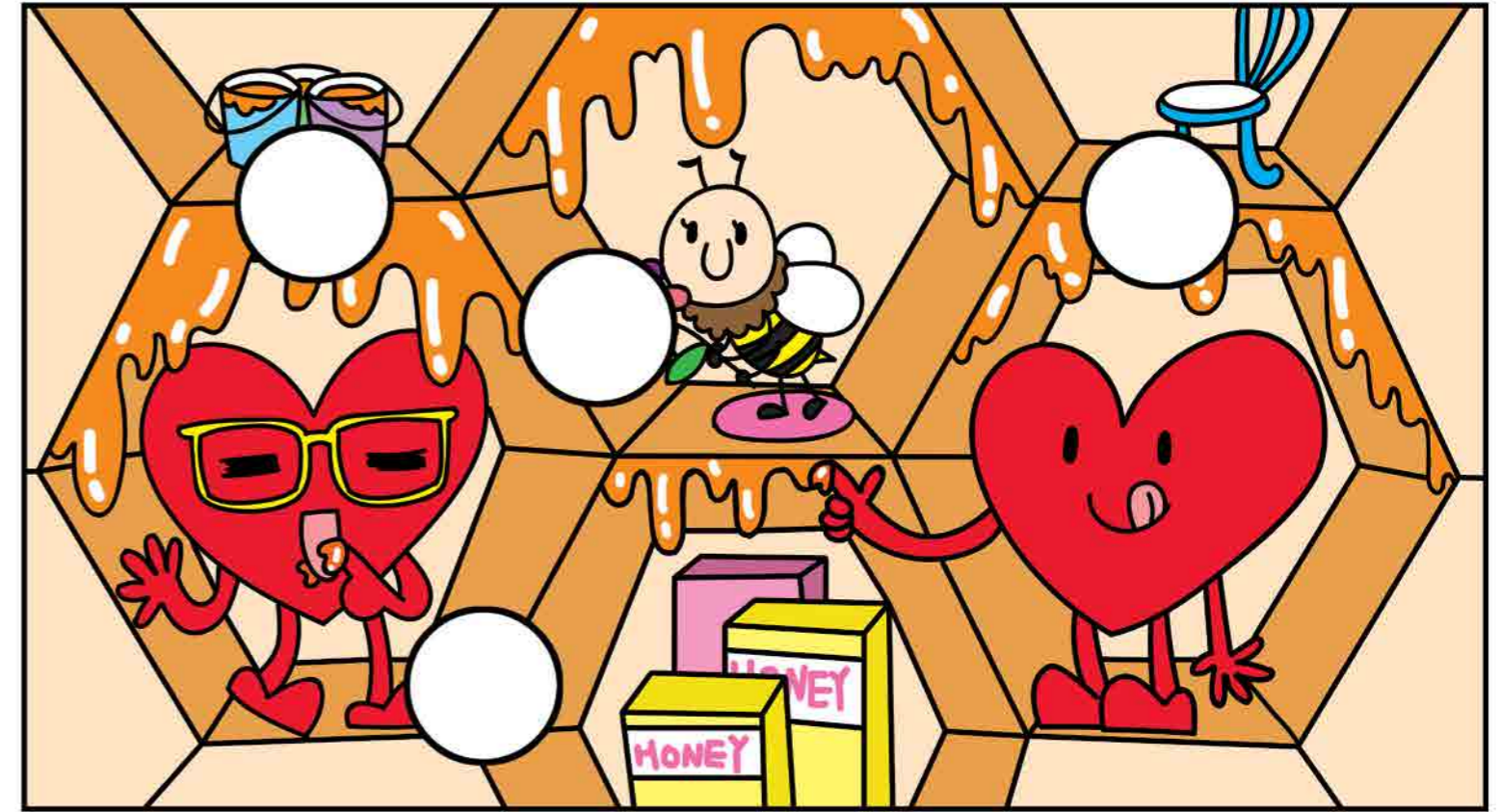
The drones are all male bees and their role is to eat and mate with the queen bee. After mating, the drones will die and those who did not mate will get chased out of the hive before winter arrives.

In every hive, there will always be 3 types of bees and each bee have its own job to do: a queen, worker bees, and drones:

Fun fact: A queen bee can live up to five years.

Sources:
<https://www.beeopods.com/101-fun-bee-facts-about-bees-and-beekeeping/>
<https://plantedwell.com/types-of-bees/>
<https://agdev.anr.udel.edu/maarec/honey-bee-biology/the-colony-and-its-organization/>

Can you find the missing pieces?



- A.
- B.
- C.
- D.
- E.
- F.

10 facts about bees

1 The oldest bee fossil is **100 million** years old.

2

Bees talk through **dancing**.

3 

Bees see all colours except the colour **red**.

4

Queen honey bees can lay up to **2,000** eggs per day.

5

Worker honeybees can fly up to **32 kilometres** per hour.

6

Bees have **2 stomachs** – one for eating, and one for storing nectar.

8

Only female bees sting.

7

Bees don't just make honey! They also make **beeswax, bee glue & bee bread** – which is a mix of pollen and honey.

bee bread

beeswax

bee glue

9

Killer bees have been known to chase people for over **400 metres** once they get excited and angry.

10

Bees beat their wings on an average of **200 times** per second.

Sources:
<https://www.businessinsider.sg/bees-interesting-facts-to-know-2019-7/?r=US&IR=T>
<https://www.natgeokids.com/za/discover/animals/insects/honey-bees/>
<https://pestworldforkids.org/pest-guide/bees/>



Spot the difference

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

Send in your answers with your name, Smålish 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 **12 June 2020**. 30 lucky winners will each win a set of **KALAS plate, multicolour**.



Spring art & craft

Make your own Honeycomb storage organiser!

What you'll need:

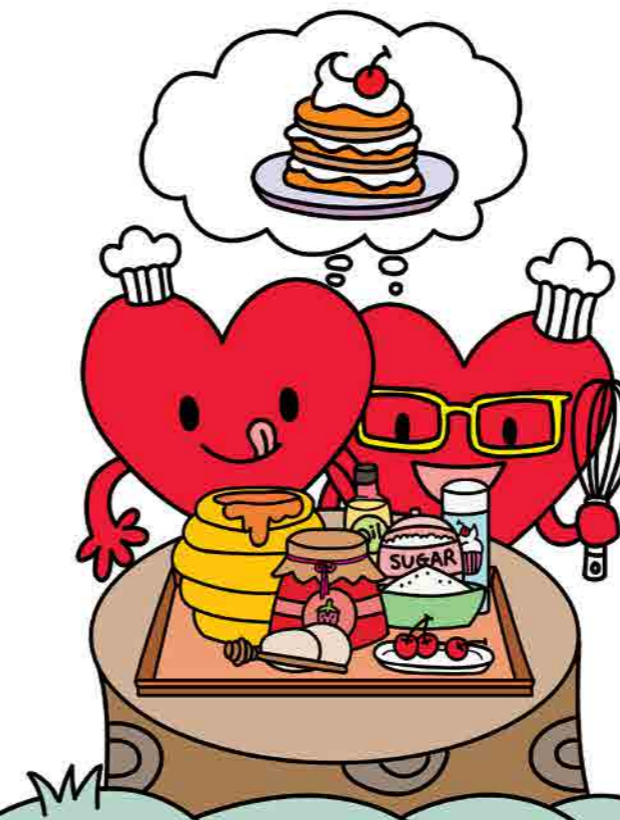
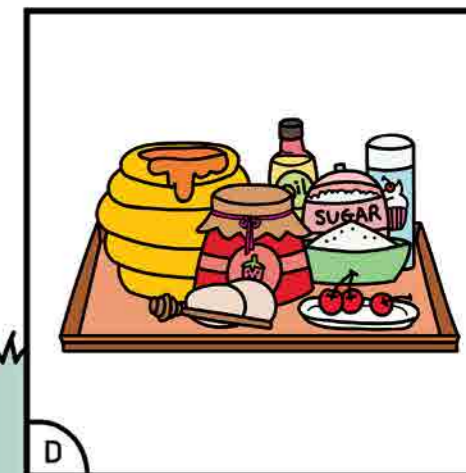
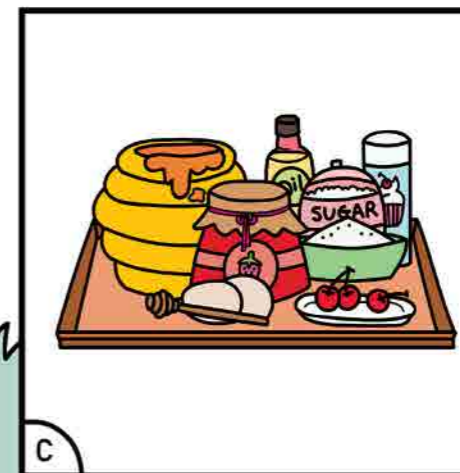
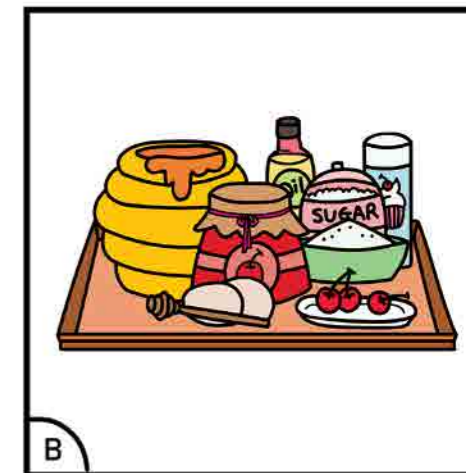
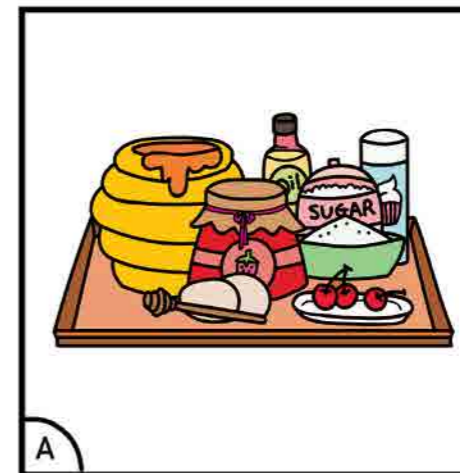
- At least five used toilet rolls
- Scissors
- Yellow paint
- Glue or double-sided tape

Instructions:

- 1) Cut your toilet roll in the centre to get two shorter rolls.
- 2) Paint the toilet rolls yellow and let it dry.
- 3) Next, press the rolls flat and fold into 3 smaller sections to form a hexagon (six sides)
- 4) Lastly, glue or tape the hexagons to each other, forming your own honeycomb.
- 5) Now you can start storing your stationaries or even some sweets!

Source: <https://theseamanmom.com/toilet-paper-rolls-honeycomb/>

Help Sara find the same tray!



Why are bees important?

These flying insects are very important to our ecosystem. They are the world's greatest pollinators – meaning they help move pollen from one plant to another, helping plants bear fruits and seeds.

Birds, small mammals and people rely on them for food, making them protectors of the food chain. Without bees in the world, we would lose more than one-third of the food we eat every day.

Sadly, over many years their population has been decreasing quickly due to some reasons. From losing their homes and food sources due to deforestation to the increase use of stronger pesticides on their food sources, they are becoming weaker because they have lesser food and homes.

How can we save the bees?

There is still time for us to make a difference. Here are some ways:

'Bee' informed

Read up and learn more about these fuzzy creatures. Bees will not sting unless they feel that they are in danger. By understanding them better, we will learn to respect them more.

Grow bee-friendly plants

Encourage bees to visit your garden by planting a wide range of flowers. Bees love daisy-shaped flowers like asters and sunflowers.

Cut the chemicals

Use organic produce when you can and limit your use of herbicides and insecticides, especially when plants are in bloom and bees are out looking for food.

Call a bee keeper, not an exterminator

If a bee hive is too close for comfort, call a trained bee keeper who can safely move the hive to a better place, instead of killing them. Remember, do not try moving the hive yourself.

Sources:
<https://www.theguardian.com/environment/2008/may/13/wildlife.endangeredspecies>
<https://www.youtube.com/watch?v=dPi6eo3OzB4>

World sleep day

Everyone thinks sleep is not important. But it is, whether you are young or old! This day was created to remind everyone of the importance of it!

Research has given us five great reasons why we need to have enough sleep every day:

1 Concentrate and learn better - Sleep helps the brain remember new things through a process called memory consolidation. You won't want to forget what you've learnt in school right?



2 It helps our appetite and how our body breaks down the food we've eaten. With enough sleep and healthy eating, we should not gain weight that easily.



3 We'll be safer as we won't fall asleep during the day and make careless mistakes which might cause falls, medical errors, or even road accidents.

4 Better sleep puts us in a better mood. Meaning we'll be more patient and definitely have the energy to do things that we like.



5 It helps reduce the risk of health issues such as stress and cancer. Sleep gives our body a chance to repair and restore our organ systems.



Hopefully, you agree with us and realise why sleep is important now. So here's the recommended hours of sleep, we all need every night according to our ages:

0 - 4 years old

Need around 11 to 14 hours



5 - 12 years old

Need around 9 to 11 hours



13 - 19 years old

Need around 8 to 10 hours



20 years old and above

Need around 7 to 9 hours



Do you know that even busy bees need to sleep? If not, they might forget simple things - what they are suppose to do or how to get home after searching for food.



INBOX @ SMALES

Nur Alya Sufina
Bt Darul Ridzwan, 6 years old



Best Drawing



Khoo Chong Hong,
5 years old



Last issue's theme:

It's a perfect day for a picnic. The sun is out and the flowers are blooming. Everyone is enjoying their food when suddenly an unexpected guest arrives. Who do you think it is?



Summer is here again! The weather is getting too hot for Sara and Bugbug to stay at home. What do you think they decided to do to cool down?

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 **12 June 2020**. 2 lucky winners will each win a set of **ANGALÄGEN Box, Multicolour**.

Sara and Bugbug set off for an adventure trip to the forest. While Sara and Bugbug are walking in the forest, they saw huge trees and colorful flowers. They heard the birds singing. They start to feel cold because of wind blowing. Sara and Bugbug are shivering and even their legs are shaking. Half way through the trail, Sara smells something sweet. With their trusty nose, Sara and Bugbug follow the scent. Bugbug whispered: "I saw four big eyes, four sturdy ears, two flat head with brown-greenish fur". Sara said: "Huh? Let me see. Bugbug, they are sloths". Sara and Bugbug walked slowly towards the sloths. Sara said: "Hello, what are you cooking?". One of the sloths turn his neck slowly, smile slowly and replied slowly: "H...e...l...l...o.....W...e.....a...r...e.....b...o...i...l...i...n...g.....f...r...u...i...t...s...a...n...d.....l...e...a...v...e...s.....t...e...a.....". Bugbug said: "Can I taste the tea?". The sloths replied together: "Y...e...s.....S...u...r...e.....". Sara, Bugbug, and the sloths enjoy the sweet tea and chit-chat (c...h...i...t.....c...h...a...t.....) together. The fruits and leaves tea not only taste sweet, but it keep Sara and Bugbug feel warm. "Thank you for the sweet and warm tea, Slothgyy and Slothvy. Good bye and see you soon", said Sara and Bugbug. "G...o...o...d.....B...y...e.....", the sloths replied. After that, Sara and Bugbug continue their adventure trip in the forest.

Alexander Chow Yong Haan, 6 years old

They found a huge, red ripe strawberry farm. The lovely and fresh strawberries were eye-catching and tantalise their taste bud. Sara and Bugbug decided to harvest some strawberries. They sweat and plucked strawberries under the sun. They really enjoyed the moments when they picked up the strawberries together. After gathered up some strawberries, they sat down and have a delicious strawberry treat! "Yummy! The strawberries are so sweet and juicy! I love strawberry very much." Sara said. Bugbug also nodded his head. They ate a lot of tasty strawberries. They felt so happy and decided to share those strawberries with everyone. Sara carried a big bag with Bugbug and sang happily on their way back home. It was an unforgettable and beautiful memory for them.

Khoo Chong Hong, 5 years old

Last issue's theme:

Sara and Bugbug are taking a walk in the forest. Half way through the trail, Sara catches a whiff of something sweet. With his trusty nose, Sara and Bugbug follow the scent. Where do you think they ended up at?



Sara and Bugbug are on a camping trip and have just returned from the stream near their campsite. It's time to cook their dinner but when they open up their tent they were shocked. What do you think happen?

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Best Letter

Which other insect has the same number as the bees?



Colour Me

