

småles matters

# BUG NEWS



🍯 Spring 2020 🍯



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# Contents

- 03 Greetings from Sara
- 04 Colour me
- 06 Species of bees
- 08 Who makes up the bee colony
- 10 10 Facts about bees
- 12 Spot the difference
- 15 Spring art & craft
- 16 Why are bees important
- 17 How can we save the bees
- 18 World sleep day
- 20 Inbox @ småles
- 23 Wreck this page
- 24 Comic

## 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

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**.

**Social bees** are what we think of when someone says "bee". They live as a big group called a colony and in a hive, made out of bees' wax. These bees produce honey and are pretty easy going. However, if they feel that the colony or the hive is in danger, they will sting!

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 produce 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 nest in anything wood.

### Mason Bees

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

### Sweat Bees

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

Can you find all the words related to bees?  
(Check our hints below!)

# Who makes up the bee colony?

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:

**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.

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

**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.

- BUMBLE BEES
- MASON BEES
- SWEAT BEES
- HONEY BEES
- SWARM
- HONEYCOMB
- QUEENBEE
- POLLINATOR
- BEESWAX

E	P	O	L	L	I	N	A	T	O	R	A	S
E	V	B	M	O	C	Y	E	N	O	H	M	A
B	T	U	L	I	P	S	F	R	U	I	T	Q
S	C	A	R	M	A	S	O	N	B	E	E	S
E	W	C	O	C	O	N	U	T	O	R	S	O
E	J	E	Z	T	I	X	E	O	O	E	W	O
B	R	E	A	X	U	A	Z	S	E	W	A	N
E	A	P	P	T	R	W	E	B	C	I	R	B
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B	B	S	T	A	M	E	N	P	T	N	P	R
M	S	E	E	B	N	E	E	U	Q	E	O	O
U	E	S	T	O	O	B	A	S	U	R	O	W
B	A	C	H	O	P	E	L	A	T	E	P	L

Sources:  
<https://www.beeponds.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/>

# 10 facts about bees

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



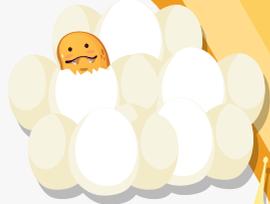
**2** Bees communicate through **dancing**.



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



**7** Only female bees sting.



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



**9** 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/>



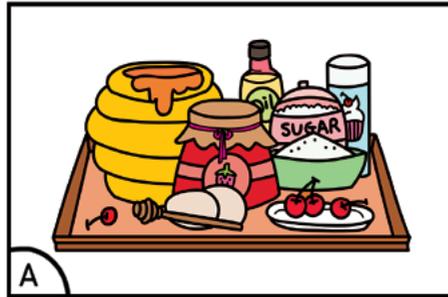
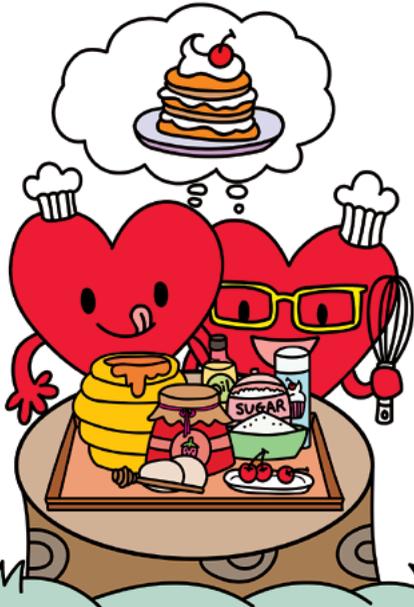
Spot the difference

Can you spot the 20 differences in this drawing?

Send in your answers with your name, Smālish passport number, age, address and contact details to [sara@smales.com.my](mailto: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.



Can you find the same tray?



## 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!

## 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 decades their population has been rapidly decreasing due to some reasons. From losing their habitat 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 diverse 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

## 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?



Jasmine Teo Hui Yin, 10 years old

Best Drawing

Phua Jing Rou, 11 years old



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](mailto:sara@smales.com.my) or [smales.com.my](mailto:smales.com.my), 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.



## 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 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.

The scent led them a little deeper into the forest. It was a long and tiring journey. However, the sweet scent was too tempting for them to give up. After an hour of walking, they finally reached an enchanted land in the forest. There, they saw the source of the sweet scent. Alice and her wonderland friends were having a party.

Right in the middle, was a huge FALHOLMEN outdoor table, laid with various yummylicious goodies. First, they spotted a tall, white vanilla ice cream cake, topped with soft jellybeans, crisp chocolate chips, colourful M&Ms, almonds, raisins and cashew nuts. Sara and Bugbug took a deep sigh and then scanned the rest of the delicacies.

They could see clean white IKEA FLITIGHET bowls and plates filled with KAFFEREP cookies with chocolate or raspberry filling, oat biscuits and cinnamon buns. Followed by VINTERSAGA saffron rolls, PANNKAKOR pancakes, SOTSAK SKUMTOPP soft marshmallow pastries, BASTISAR pasta, SKORPOR FULLKORN whole grain crisp rolls, MUNSBIT fruit snacks, VAFFLOR waffles, MARABOU milk chocolate rolls and PAJOST cheese pies. To top it all off, there was a LORDAGSGODIS counter. It was set up with crystal clear VARDAGEN glass jars that contained a variety of candy treats, to boost the sugar rush.

Not forgetting the DRYCK PARON assorted fruit juices which were ready to help wash the food out. There was also the magnificent rainbow coloured IKEA KALAS kids plastic BPA free flatware, bowl, plate and tumbler set which were stacked by the side of the table for the buffet. Furthermore, some SVALLERUP flat woven outdoor rugs were thrown around for the picnic party. Last but not least, the whole place was lit up with twinkling STRALA, VISSVASS and LEDFYR LED lighting chains and colourful balloons. In a nutshell, it was a sight to remember and treasure.

Sara and Bugbug were awestruck and stunned at the magical moment that they were taken back when Alice greeted them. After introductions, Alice invited them to the party and they were more than happy to join in. "The more, the Merrier!" Alice cried out aloud. Then, everyone started singing "The more we get together, the Merrier we'll be." It was an amazing party and together they celebrated the beginning of 2020. Happy New Year!

Tejeshvar Jaganathan, 8 years old

Best Letter

It's spring! 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 to a house, a house made out of flowers! They are roses, lilies, sunflowers and many, many more.

"Wow! That's awesome! I wonder who built it!" cried Bugbug in amazement. "Knock! Knock!" "Knock! Knock!"

All of a sudden, a giant squirrel popped out from the house. "Hi guy! How can I help you?" said the squirrel joyfully.

"Can you teach us how to build a flower house like yours?" asked Sara hopefully. "Please?" added Bugbug.

"No problem! We'll have to collect many flowers first!" said the squirrel.

After that, they built the most enormous flower house in the world!

"Wow! That smells great!" said Sara and Bugbug together.

Time flies, and so they head home feeling as happy as a lark.

They gave the house to the other forest animals as a gift.

"We'll always come to visit next time!" said Sara.

"Bye!" cried the squirrel.

Audrey Lin Yi Rei, 11 years old

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?

Include your name, age, Smålish passport number and address, and send your letter to [sara@smales.com.my](mailto:sara@smales.com.my) or [smales.com.my](mailto:smales.com.my), No.2, Jalan PJU 7/2, Mutiara Damansara, 47800 Petaling Jaya, Selangor by 12 June 2020. 2 lucky winners will each win a LUSTIGT Tag game with vest and balls.



Which other insect has the same number as the bees?



Wreck this page

Fill the page up with drawings of as many different types of bees.

