How do Bees make Honey?

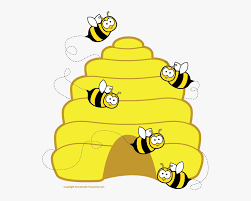
* Bees will fly many miles to find and collect nectar. Bees visit 100 flowers to fill up their stomachs, then fly back to their hive.

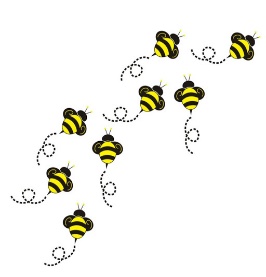
* Bees have two stomachs one for feeding and one for honey.



* Bees drink the nectar and store it in their honey stomach where enzymes start to break it down into simple sugars.
* Once their honey stomach is full, bees fly back to their hive and share the nectar with other bees to add more enzymes to it.



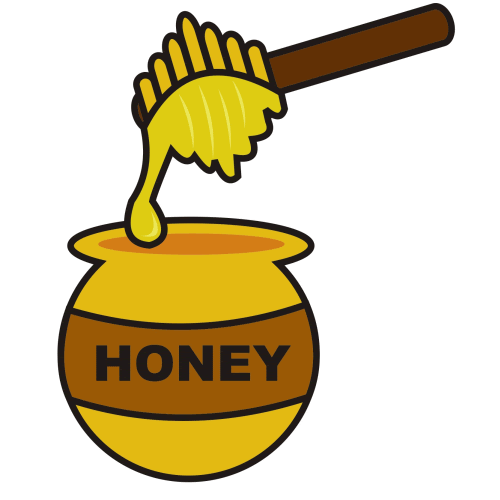
* The bee tells other bees where to find the nectar so they can go gather more!

* After the nectar has been shared with the other bees and the enzymes have broken it down into sugars, the newly created runny honey is put into honeycomb to be stored.



* Bees will then fan their wings to dry out the honey. When it is dry enough, they will seal it with wax so that it stays good.

Honey is very good for our health, it can be used to heal cuts

Make a Bee Bath

Do Bees need to drink water?



Yes, Bees need to drink water, so they keep hydrated just like us.

What will I need?

* Shallow container
* Stones
* Water

Choose a shallow dish



Collect some small stones



Put the stones into your dish. The Bees will stand on the stones and will be able to drink safely

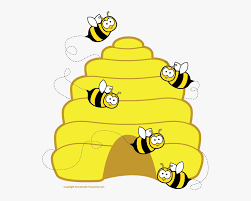


Fill the Bee bath up with water, don’t forget to top it up with water every day



Make sure you find a nice sunny position that’s sheltered, somewhere you think the Bees would like to go for a drink

How do Bees use water to cool their hive?



Bees are very clever; they use water to cool down their Hive’s

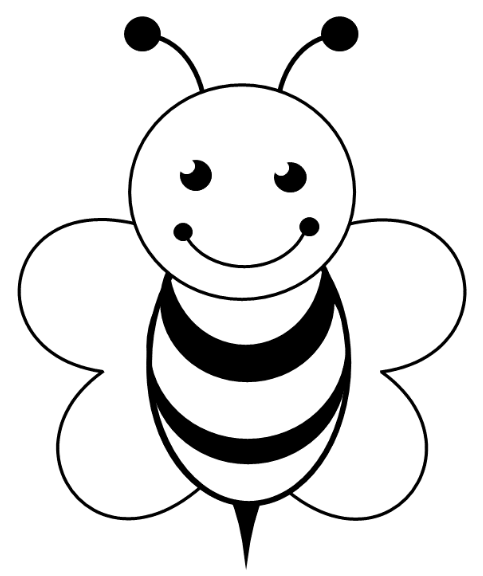
The water collector bees fill their stomachs up with water and then fly back to the Hive. They regurgitate the water and other bees drink it up and spit the water out all over the hive to keep it cool.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Bee Clip Art For Teachers Free Clipart Images Transparent - Bee ...These are just some of the fruit and vegetables bees  Pollinate, without bees these wouldn’t grow | | | | |
| Bee facts  Bee Clip Art For Teachers Free Clipart Images Transparent - Bee ...  All worker bees are female | Strawberries |  | Broccoli | Bee facts  Bee Clip Art For Teachers Free Clipart Images Transparent - Bee ...  Honey is very good for you |
|  | Free Banana Images, Download Free Clip Art, Free Clip Art on ...  Banana | Bee facts  Bee Clip Art For Teachers Free Clipart Images Transparent - Bee ...  A Bee produces about 5 grams of honey in her lifetime | Free Cucumber Cliparts, Download Free Clip Art, Free Clip Art on ...  Cucumber |  |
|  | Free Tomato Cliparts, Download Free Clip Art, Free Clip Art on ...  Tomato |  | Free Watermelon Transparent, Download Free Clip Art, Free Clip Art ...  Melon |  |
| Bee facts  Bee Clip Art For Teachers Free Clipart Images Transparent - Bee ...  To get more Bees in your garden plant flowers with lots of colour | Free Pears Cliparts, Download Free Clip Art, Free Clip Art on ...  Pear |  | Free Apple Cliparts, Download Free Clip Art, Free Clip Art on ...  Apple | Bee facts  Bee Clip Art For Teachers Free Clipart Images Transparent - Bee ...  Bees love the colour blue they love Lavender |

Next time you see a Bee in your garden, say a big thank you

to them for all they do for us

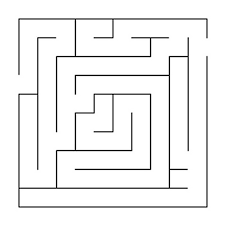




Colour your Bumble Bee

Can you help the bee to find the flowers?







 The Bee Quiz 

|  |  |  |
| --- | --- | --- |
| How many stomachs do bees have? | * 4 * 1 * 2 |  |
| How do you get bees to visit your garden? | * Put a welcome sign out * Plant lots of colourful plants * Don’t have any plants in your garden |  |
| What’s the bees favourite colour? | * Blue * Brown * Black |  |
| How many flowers do the bees need to visit to fill up their honey stomach? | * 20 * 100 * 500 |  |
| All worker bees are female | True  False |  |
| Honey is very bad for you | True  False |  |
| Bees never drink water | True  False |  |
| Where do bees live? | * In a Hive * In a bucket * In a drain |  |
| In a bee’s lifetime, how much honey do they produce? | * 20 grams * 100 grams * 5 grams |  |
| How do bees keep the hive cool? | * Pour water all over it * Plug a fan in * Spit water all over the hive |  |

Quiz answers – Bee Quiz

* 1. 2 stomachs
  2. Plant lots of colourful plants
  3. Blue
  4. The bees visit 100 flowers
  5. True
  6. False
  7. False
  8. In a Hive
  9. Bees produce 5 grams

10)Spit water all over the hive

How can we help the environment?

How many can you do in a week?

Re-use your water bottle



Save Water – when you brush your teeth or have a shower, make sure you only use the water you

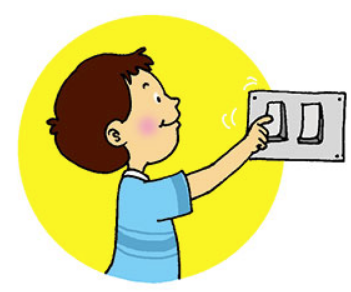
need

[](https://www.bing.com/images/search?view=detailV2&ccid=AqFunKLW&id=A412F7DA5EA41FB651EF73B6E9B9ABD7C72EEA40&thid=OIP.AqFunKLWdQqLTdE9D4jnwQAAAA&mediaurl=http%3a%2f%2fimages.clipartpanda.com%2ftap-clipart-water-tap-clip-art-cartoon-illustration-pouring-33416772.jpg&exph=130&expw=106&q=free+clip+art+running+tap&simid=608031317317387227&ck=2A942A43F68CF33A613507E69D7C9878&selectedIndex=9&qpvt=free+clip+art+running+tap)

Collect rainwater and use it to water the plants in the garden



Save electricity, turn off the lights when you’re not in the room. Unplug your TV



Have fun outside, riding your bike, going to the park, going for walks. Put away your games and turn the TV off for a while



Start looking at what you can recycle – have a look at how you can reuse different things

[](https://www.bing.com/images/search?view=detailV2&ccid=oQQy5LDc&id=4000EB81BB4A0EB9AE850370F863CCC1945E0666&thid=OIP.oQQy5LDcquUvfUKFOPV6JgHaHa&mediaurl=http%3a%2f%2fclipart-library.com%2fdata_images%2f463561.png&exph=501&expw=500&q=free+clip+art+child+with+water+bottle&simid=608028731699629212&ck=886EEA81B59402AFDC22C76C20CDAC19&selectedIndex=127)

Have a go at growing your own vegetables in the garden. See how they grow and enjoy eating them

