## FIBCNACCI SEDUENCE

There are some amazing things about Fibonacci Sequences. In fact, you can find Fibonacci Sequences all over the natural world.

Let's look at just one animal - the bee. We can look at a bee's family tree and see the sequence for ourselves.

Facts: Every hive has a lot of bees. It is made up of:

- One female, who is the queen of the hive
- Luts of other female workers, who do lots of work but don't lay eggs
- A few males, called drones. They are the result of unfertilizedeggs.

So let's take one male bee.

- He has just one parent, as he was born from an unfertilized egg. He has no father.
- The parent who laid that egg was a female. So she had two parents.
- Therefare, we know that our bee has 2 grandparents (his mather's parents)
- Of the grandparents, the female had two parents, but the male only had one.
- So, our male bee had three great-grandparents.


