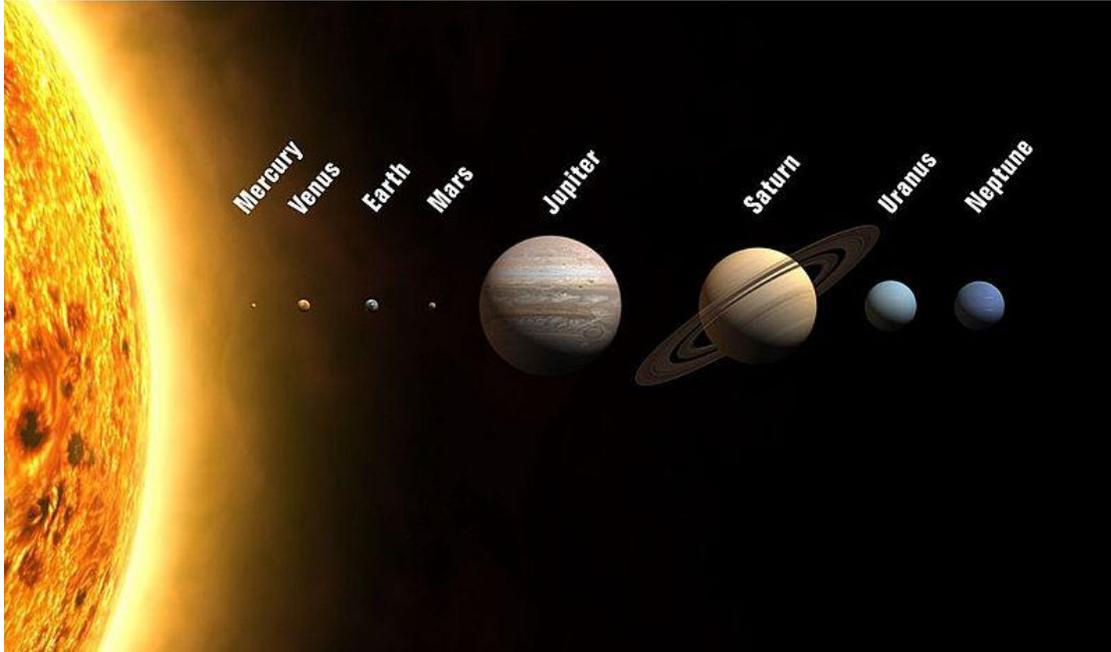


Planets and volcanos



[From Wikimedia Commons, the free media repository
<https://commons.wikimedia.org/wiki/File:Planets2013.jpg>]

We talked about the planets in Chapter 4 – but, there is a lot to learn.

A lot of planets go around the Sun – 8 [altogether]. We are on Earth, the third furthest away from the Sun.

We made this up to help us remember their names. Think of a mouse which is hungry – if it has nothing in its tummy – it will be Very Empty.

If it found some food it would get excited because it is hungry. It might take the food back to its hole to eat. So, you could say...

My Very Empty Mouse Jumped, Scurried Underground, and Nibbled
Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune.

This is difficult to remember. But, if you can remember “Nibbled”, you might be able to remember the last planets – Neptune.

We can remember the first part of the sentence, “My Very Empty Mouse”. The problem here is that there are two “M”s. One is for Mercury and which is for Mars???

Well, Mars comes after Earth. If it is too hot Mars bars go gooey and you can't eat them. If they did have Mars bars on Mars you **would** be able to eat them because Mars comes after Earth, so is further away from the Sun and not too hot (and Mars bars would be easy to eat).

So, we can remember, My Very Empty Mouse – and the first four planets which go around the Sun are – Mercury, Venus, Earth and then Mars. Anyway, way out in space we find Neptune.

Q: How do you organise a space party?

A: You just planet.

Another crazy sentence

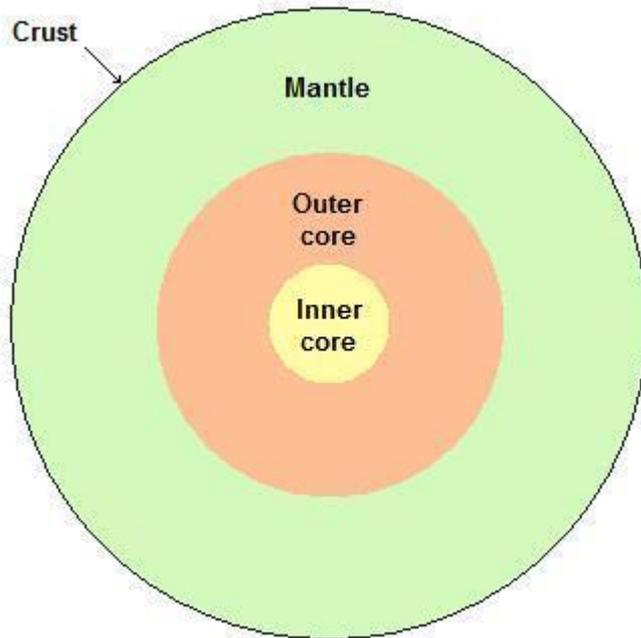


If you want to remember the capital cities of Australia – A bad dude went around Australia and left a magic cake in Hobart. She started in Sydney. But, which way around did she go?

Some Bad Dude Put A Magic Cake Here

Sydney, Brisbane, Darwin, Perth, Adelaide, Melbourne, Canberra, Hobart.

A bit about volcanos



[From Wikimedia Commons, the free media repository
https://commons.wikimedia.org/wiki/File:Cutaway_Earth.jpg]

When we walk around outside, we see only the ground [earth] and rocks. But the Earth is not like that all the way through.

We walk around on the **crust**, which is thin and cool. Further down there are layers called the mantle and the core. Deep down the Earth is very hot, so hot that there is gas and melted rock.

Where there are holes in the crust of the Earth, from time to time, gas and melted rock [lava] sprays out.

We know where these holes are – and they are called volcanos. You don't have to worry; new volcanos don't just pop up. It is known where the volcanos are – if you live near on [there are none in Australia] it is smart to keep away from them – especially when the experts warn that something could happen.

Most of the time volcanos are quiet – they may become active [erupt] and stuff may come flying out for a few weeks – then go quiet again, for many years.

Show your parents
Chapter 9.

The authors have been close to two volcanos when they were active [erupting] – one was Mt Fuji in Japan, and the other was Mt Etna in Sicily.



[Cyrus Read. https://commons.wikimedia.org/wiki/File:Augustine_volcano_Jan_24_2006_-_Cyrus_Read.jpg]

This is the Augustine Volcano which is in Alaska – it was active more than 10 years ago.

Q: What did one volcano say to the other volcano?

A: I lava you.

Show your parents
Chapter 9.



[Kevin Sebold. Creative commons
https://commons.wikimedia.org/wiki/File:Fuego_Eruption,_March_30,_2013.jpg]

This is the Fuego volcano in Guatemala when it was active more than five years ago. It is very colourful here because this was the middle of the night and the hot rock lit the dark sky up.

Q: What do you call a volcano that doesn't erupt?

A: A mountain.