

## Craters

There are some big rocks whizzing around in space – they are called meteors. Sometimes [not often] they whack into planets [like Earth] and also into moons.

When that happens? They make a big hole – which is called a crater.

Let's talk about 3 different craters.



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### Wolfe Creek Crater



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In Western Australia, Wolfe Creek Crater [about 900 metres across and 60 metres deep] is a huge hole in the ground. The meteor landed a long, long time ago.

### Lake (crater) Bosumtwi



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Lake Bosumtwi in Ghana [Africa] – is a crater. It doesn't look like a crater because the meteor landed a very long time ago and it is in the middle of a rainforest, and the plants have covered things up. But, it is quite deep and you can see it is round.

## Chicxulub crater

You can't see Chicxulub crater – it doesn't look like a big hole. This is because the meteor landed a very, very long time ago [nearly 70 million years], and it hit half on the land [Mexico] and half in the sea.

The meteor was bigger than we can imagine – about 5 kilometres across.

### Importance – “impact winter”

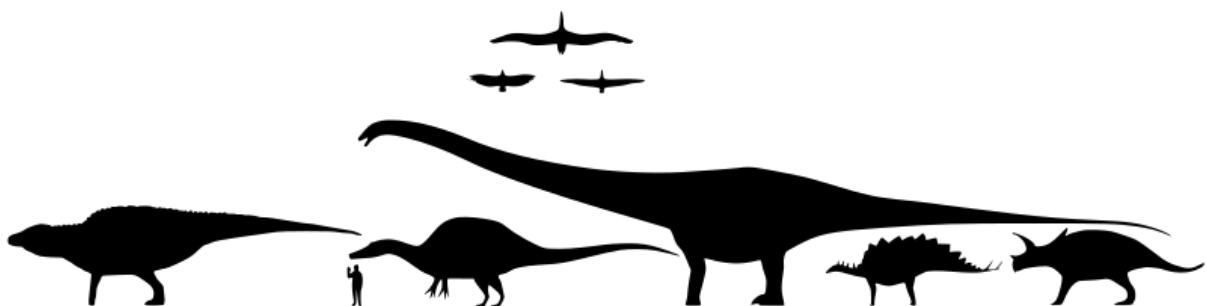
We may not be able to see the crater – but the Chicxulub meteor was really important. When it landed it was so big that it threw up a huge amount of dirt, dust and ash into the air and space around Earth.

This blocked out the rays and energy from the Sun. So, the Earth was dark and freezing cold. So, suddenly, there was an ‘ice age’. And, most of the animals on the earth died.

Did you every wonder why you haven't seen a dinosaur in the zoo? The answer is that Chicxulub meteor caused an ice age. The dinosaurs were freezing cold, there was no food and they all died 70 million years ago.

**Q: What came after the dinosaur?**

**A: Its tail!**



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**Knock, knock.**

**Who's there?**

**Candice**

**Candice who?**

**Candice door open, or am I stuck out here?**

**Knock, knock.**

**Who's there?**

**Voodoo.**

**Voodoo who?**

**Voodoo you think you are, asking all these questions?**



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