

## *Astronomical Theories*

Astronomy is a magnificent science. It allows us to look to the sky and discover its mysteries. Astronomers had made many discoveries with this study and have made many theories.

There are two really important theories: the Big Bang and the Big Crunch theories. These are said to be the birth and death of the universe. There is evidence about the Big Bang, which is cosmic radiation coming from the center of the universe.

Before the Big Bang happened, there was nothing. Then there was a huge “explosion” and space was born. Before stars, planets and galaxies were made though, there was only space dust and clouds. But inside the space clouds were stellar matter that was forming small mass of stars. When the clouds and dust moved away, there were bright objects there instead.

As the universe expanded, so did the amount of celestial objects in the sky, but the second theory of the Big Crunch is that space shall shrink in some billions of years. When the universe does shrink, star, galaxies, and planets will blow up in supernovae and leave many black holes. More and more black holes will form and then they'll get attracted to each other's gravity and will come together to form one big black hole. This black hole would only be part of the death of the universe. The other part would be when the universe keeps shrinking.

Another theory, one that has already been discovered, is that there is a black hole in the center of each galaxy. It is said that when a star blew up it made a black hole, which many do. Then as the gravitational pull of the black hole gets stronger, stars are pulled towards the black hole. Usually stars get sucked in, but some make it out. The ones that do escape start to orbit around the black hole as it spins around. This is how galaxies are formed.

There are many other theories towards astronomy. Some have to do with the planets. Just like that there have been a couple newly discovered planets with oceans on them.

Astronomers had a small theory that they might be able to hold life, until the results of the air contents came in.

Now see, not all theories come to be true. The universe may never shrink and possibly there may be no life supporting planets either.

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