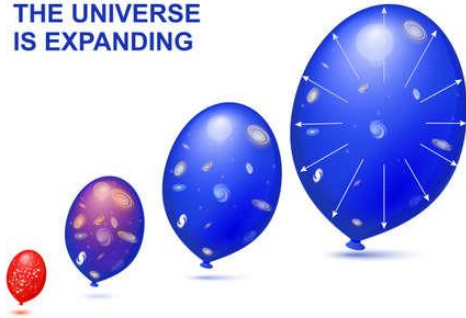


# Astronomy - Science Y5



THE UNIVERSE IS EXPANDING



**Astronomy** is the study of the universe, stars and galaxies.

**Astronomers** are scientists who study the planets, stars and galaxies.

**Universe** is all of space, time, matter and energy.

**Galaxies** are huge 'cities' of stars bound together by gravity.

A **star** is a massive ball of super-heated gas.

The **Milky Way** is our galaxy which contains our solar system.

**Orbit:** a regular and repeating path that an object in space takes.

**Light year:** the distance light travels in one year: roughly 9.5 trillion kilometres.

**Big Bang Theory:** an explanation about how the universe began.



**Neil Armstrong**, on the Apollo 11 space mission became the first person to set foot on the Moon, 20<sup>th</sup> July 1969.

'That's one small step for a man, one giant leap for mankind.'

