



KEY VOCABULARY

astronomy

the **study of the universe**, stars and galaxies

astronomer

a scientist who **studies the planets**, stars and galaxies

universe

all of **space, time, matter and energy**

galaxy

huge **“cities” of stars** bound together by gravity

star

a massive **ball of super-heated gas**

solar system

the name for our **sun and planets**, including Earth

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**

gravity

a **force which pulls things to the ground** on Earth

satellite

something that **orbits the Earth** or another planet

the Milky Way

**our galaxy** which contains our solar system