

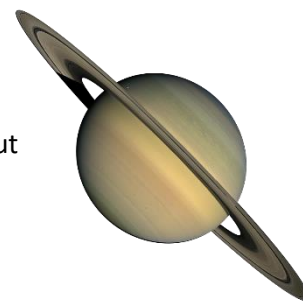
Triple Unit Overview – P8 Space

You will learn about:

Our solar system and what keeps the planets in order around our sun. You will also learn about the origin of the universe and the evidence that supports these theories.

You will be able to:

Analyse light spectrum and describe what this shows you.



		Key Words Solar system Sun Star Planets Orbit Galaxy Universe Gravity Nebula Cycle Fusion Protostar Main sequence Red Giant White Dwarf Super Nova Black Dwarf Neutron star Black hole Red Shift Spectra Satellites
Key learning points		
Our solar system		
Life cycle of a star		
Circular motion		
Orbital motion		
Red shift		
Origins of the universe		
Links to other subjects:		
SMSC		
Be aware for conflicting theories about the origin of our planet/universe.		
Numeracy		
Explain qualitatively how for circular orbits, the force of gravity can lead to changing velocity but unchanged speed and for a stable orbit, the radius must change if the speed changes.		
Literacy		
To be able to describe and explain the life cycle of a star and red shift.		