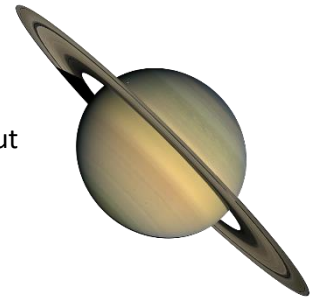


**Triple Unit Overview – Space**

**Target grade for tests: .....**



**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.

<table border="1"> <tr> <td colspan="2"><b>Key learning points</b></td> <td></td> </tr> <tr> <td colspan="2">Our solar system</td> <td></td> </tr> <tr> <td colspan="2">Life cycle of a star</td> <td></td> </tr> <tr> <td colspan="2">Circular motion</td> <td></td> </tr> <tr> <td colspan="2">Orbital motion</td> <td></td> </tr> <tr> <td colspan="2">Red shift</td> <td></td> </tr> <tr> <td colspan="2">Origins of the universe</td> <td></td> </tr> </table>					<b>Key learning points</b>			Our solar system			Life cycle of a star			Circular motion			Orbital motion			Red shift			Origins of the universe			<b>Key Words</b>	
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<p><b>Links to other subjects:</b>  <b>SMSC</b>                  Be aware for conflicting theories about the origin of our planet/universe.</p> <p><b>Numeracy</b>                  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.</p> <p><b>Literacy</b>                  To be able to describe and explain the life cycle of a star and red shift.</p>					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																						
Research	Note-making	Group work & discussion	Memorisation	Precision & accuracy	Independence	Reflection																					