

## GCSE Checklist – Space Physics

By the end of this topic you should be able to do the following things:

	<u>Page(s)</u>
Describe the contents of the <b>solar system</b>	320
State the location of the <b>solar system</b>	320
Describe how all <b>stars are formed</b>	318
Explain the <b>equilibrium</b> that keeps <b>stars stable</b>	318
Describe the life cycle of <b>Sun-like stars</b>	319
Describe the life cycle of <b>massive stars</b>	319
Explain how elements <b>heavier than iron are produced</b>	319
Describe the differences between <b>planets, moons</b> and <b>artificial satellites</b>	320
State the <b>force</b> that allows planets and satellites to <b>maintain their orbits</b>	321
Explain the relationship between <b>orbital radius</b> and <b>orbital speed</b>	320
Describe <b>red-shift</b>	322
Describe the <b>evidence that supports the Big Bang cosmological model</b>	322-323
Describe some things that we still don't understand about the <b>composition of the Universe</b>	323