

GCSE Checklist – Space Physics

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

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