

Physics - Year 7 by end of term 1	
Expectations	Classwork, homework and assessments shows student has knowledge of:
	Solar system geography: The sun as a luminous object, day/night cycles, seasons, eclipses. Students can produce diagrams to explain these phenomena. Definitions of planet, star, natural satellite, galaxy, universe, comet, asteroid and meteor. The development of modern models for the cosmos.
	Forces: contact & non-contact forces; forces and the effects of unbalanced forces. Definitions and calculations for velocity, time and displacement. Sketching and plotting v-t and s-t graphs and interpreting provided graphs to identify; acceleration, steady speed, forward motion, reverse motion etc
Developing	Student may need significant prompting and guidance to tackle most problems. Knowledge is often extant but may be unstructured and links between concepts are not yet fully developed.
Secure	Student is not yet a master of the component knowledge of the course so far but with guidance and prompts, can tackle most problems with relative ease. Knowledge is clearly demonstrated through questioning, but free recall is not always guaranteed.
Complex	Student is a master in the component knowledge of the course so far. This means they are able to access and demonstrate mastery of the above content with little to no prompting or assistance from a teacher, parent or guardian.