

Outcomes and experiences S3 Physics	G	O	R	How do I know I can do this or what can you do to improve your learning in this outcome?
I am aware that space exploration helps to develop our understanding of the universe e.g. the age of the universe is 13.8 billion years				
I can give a basic description of the Big Bang theory e.g. the universe started from a single point and is continually expanding				
I can define a light year as being <i>"the distance that light travels in one year"</i>				
I can show that one light year is the same as $9.46 \times 10^{15}$ metres				
I am aware that all members of the EM spectrum can be used to develop an understanding of space e.g. UV images from HST				
I can identify line spectra and continuous spectra				
I can identify the elements present in a star by analysing line spectra				