

Miss Shannon Dimasi (Year 10 St Joseph's School-Northam, Western Australia)

**Earth & Mars: Investigating conditions for colonisation-Should we, could we, would we?**

This presentation will outline secondary student based research, particularly in the issues associated with establishing long-term settlements, in remote locations, such as on the red planet and experiments that will be investigated by secondary school students later this year in areas such as plant growth monitoring under varying extreme conditions and discussions and suggestions for long-term project development. Also, analysis and an examination of the process by which plants could be introduced to Mars, thus changing the landscape and considerations of protocols and ethics of this course of action.