

Life on Mars with 4WardFutures

Information to Staff and Parents

Starting on July 6th Year 7 and Year 8 will be starting an exciting project called 'Life on Mars' working with the charity 4WardFutures. This new charity, focuses on the personal development of students through careers education, advancements in digital technology and visualisation. With the chance to meet and speak with special guests (see timetable below) from all aspects of the world of space and the arts, our students have an extremely unique opportunity.

Year 7 – VALOM

Space has been a source of inspiration and the subject of creative endeavours throughout the ages. Ancient storytellers looked to the skies, named constellations and created tales to accompany their skyward creations. Playwrights, authors, musicians, photographers, model makers and painters have all found inspiration in space and have inspired others with their works about space.

Many scientists and engineers were influenced to pursue their careers by the creative works of others. In turn, their work in the science and engineering fields can inspire future poets, filmmakers and artists.

There is increasing international interest in colonising Mars. Several countries and multi-national space and private organisations are planning to send both satellites, rovers and eventually humans to Mars. The Visualising a Life on Mars challenge will draw together this creative heritage and endeavours of people throughout the ages with the recent interest in travelling to and setting up settlements on Mars.

Year 8 – CALOM

The CALOM project gives young people the opportunity to work as part of a team to plan and set up a virtual settlement on Mars – exploring how they will get to Mars, how they will survive and how they will thrive!

Travelling to and constructing settlements on Mars is being used as a metaphor through which young people can find out about progression and career opportunities and what employers across sectors such as space, advanced manufacturing, and engineering, construction, design, and architecture value when recruiting young people.

CALOM also gives young people the opportunity to find out about the technology that is changing the future workplace across these sectors: e.g.: Additive manufacturing, virtual and augmented reality, 3D visualisation, robotics and connected smart sensors.

The time is now, we have a mission...Mars is calling and we must be ready to leave, we are leaving...

<https://m.youtube.com/watch?feature=youtu.be&v=hr8vAwzia88>

Timetable for Life on Mars – Personal Development Project – Summer Term 2020

Date	EPCHS YEAR 8 - CALOM Daily @ 1.00pm - 3.00pm	EPCHS YEAR 7 - VALOM Monday / Wednesday / Friday @ 9.30am - 10.30am
Monday 06.07	INTRODUCTION TO CALOM Students will meet the Team from 4WardFutures	Jane Weir Poet https://www.manchesterwritingschool.co.uk/published-students/jane-weir
Tuesday 07.07	Ray Stott Space & Robotics Engineer www.spacespecialist.com	
Wednesday 08.07	Ann Swift www.fairspace.org	Dan Lusby Film Maker https://www.danlusby.com/
Thursday 09.07	Arno De Toom - Specialist in producing food in space	
Friday 10.07	Alina Vizireanu - Satellite Earth Observation Data Specialist https://spacegeneration.org/ Chris Ferrier - Operation Control Manager www.iceye.com	Ann Swift - Innovation & Partnership Manager Importance of Creativity in the Space Sector www.fairspace.org
Monday 13.07	University Opportunities Sam Juson and Tanya Shaban Current Graduate Engineers with Chester HH	On Line Tutorial and final support to complete challenges.
Tuesday 14.07	Thomas Ormston. Space Craft Control Engineer European Space Agency https://sentinel.esa.int/web/sentinel/home	
Wednesday 15.07	Catch up and submission of Project Entries	Catch up and submission of Project Entries
Thursday 16.07	Judging of Entries	Judging of Entries
Friday 17.07	Student Awards	Student Awards

During the Two Weeks of July 6th to July 17th the Students timetables will be reduced to enable them to work on the Life on Mars Projects

Year7: 9-11am Monday – Wednesday – Friday students will take part in VALOM. At all other times they will take part in normal lessons.

Year 8: 1-3pm Monday – Friday students will take part in CALOM. At all other times they will take part in normal lessons.