SPACE FOR ALL 2015 -2016: PROJECTS FUNDED

Total amount granting: £43,928

Project: Revealing the Martian Landscapes through Linked Physical and Virtual Models

Organisation: Nottingham Geospatial Institute (trading as University of Nottingham)

Amount of Grant: £6,000

The development of two physical models of the Martian surface, focussed on ExoMars Mission sites, laser cut using the latest Digital Elevation data, which will digitally project information about the environment. One model will be static, and one will be portable for roving demos to provide a novel perspective on the dynamic nature of the Martian surface.

Project: SPACE GLASGOW: Now and through the generations

Organisation: The Children`s Wood

Amount of Grant: £4,600

Used existing paths into schools and the community to raise awareness of current space activities such as Tim Peake`s journey into space and UKSA`s first nanosatellite built in Scotland. Introductory talks in 10 schools to inform and inspire younger age groups in STEM, an intergenerational space memories film, finishing with a 1 day celebration of space open to schools and local community.

Project: The Universe is your oyster!

Organisation: Dynamic Earth (trading as Dynamic Earth Enterprise Ltd)

Amount of Grant: £4,300 Events to inspire, stimulate and inform young people and their families awareness of exciting, quirky and unexpected jobs in the Space Science and Earth Observation fields – using real life (predominately female) role models.

Project: UKSEDS National Space Outreach programme

Organisation: UKSEDS

Amount of Grant: £4,000

To extend successful outreach programme by creating outreach and careers resources for young people of all ages, and encouraging a new cohort of outreach volunteers through training workshops at Universities.

Project: Out of this World: Space Themed Family Study Days

Organisation: Department of Physics, University of Oxford

Amount of Grant: £2,278

Two family study days using space science to help engage families in lifelong learning. The events will be held in areas of significant social and educational disadvantage in Oxford City. The study days will bring professionals in space science, widening the participation and continuing education from the University of Oxford who will demonstrate the advantages of STEM study to adults, teenagers and children.

Project: Cosmos Space Probe Design Challenge 2.0

Organisation: Cosmos Planetarium

Amount of Grant: £5,900

Using a digital planetarium we will look at the UK`s involvement in some of the most ambitious space missions of the last decade. Teams will then work together to learn the skills needed to design the next generation of space probe with fun hands-on classroom activities, including an epi space race against other schools.

Project: Space School UK

Organisation: University of Leicester

Amount of Grant: £5,000

Space School UK provide intensive, week-long , residential schools during July and August, for 60 students in the age groups 13-15 and 16-18, focussing on the challenge and appeal of current and future space programmes.

Project: Careers in Space Roadshow

Organisation: Winchester Science Centre

Amount of Grant: £4,850

“Careers in Space” roadshows will be created to increase the awareness of opportunities available to secondary school and college students. The roadshow will include a stand demonstrating the involvement of individuals in the UK space industry, table top activities and a careers speed networking session.

Project: The Space Zone

Organisation: Gallomanor Communications Ltd

Amount of Grant: £4,000

The Space Zone is an online activity where school students interact with space engineers online. Students challenge the engineers over fast-paced online chats an ask them anything they wish. They vote for their favourite to win £500 to be spent on further space outreach.

Project: Be a (Plasma) Rocket Scientist

Organisation: University of Southampton

Amount of Grant: £3,000

Project is to communicate to the public that rocket science happens in the UK and it is possible to be a rocket scientist. The project will introduce plasma rockets to the public, a novel way to fly around in space. A introduction will be provided to the world of spacecraft engineering through an app and a STEMexhibit.