

Space for All 2009-10: Projects Funded

Total amount granting: £37,885.52

Project: The Blue Marble: monitoring planet Earth from space

Organisation: University of Leicester

Amount granted: £3,386.52

This project aims to deliver a series of 12 workshops for school children aged 6 - 11 to inspire and improve their understanding of satellite technology and STEM and inspire them by meeting real scientists.

Project: UK Space Settlement Design Competition

Organisation: Imperial College London

Amount granted: £3,947

The UK Space Settlement competition is aimed at students aged 14 - 18 year old. This grant funds the semi-final in London where 144 students will spend a weekend designing a habitat for thousands of people capable of transporting them between Earth and Mars.

Project: 'Antarctica: Mars on Earth' science competition

Organisation: Twyford Church of England High School

Amount granted: £1,500 (co-funded with STFC)

A national competition 'Antarctica: Mars on Earth' which involves four teachers undertaking a variety of experiments in the Antarctic. School children will be invited to design and submit experiments that they would like the teachers to perform. Antarctica has been chosen as the location for these experiments as the climate on Earth that most closely resembles that on Mars.

Project: Exploring space through fashion design

Organisation: Fashion Awareness Direct

Amount granted: £2,500

Two workshops will be run in London for disadvantaged children aged 13 - 14 years old on designing 'space accessories'. These designs will be submitted to a National Science Week competition and industry will then be approached for help with the reproduction and sale of the winning product.

Project: Space for All: widening horizons and understanding for everyone

Organisation: Callington Space Centre

Amount granted: £5,000

This project will enable the drafting of new space education modules for use in remote areas throughout Devon and Cornwall, mainly by the funding of supply cover for the teaching staff involved.

Project: Mapping litter from space

Organisation: University of Nottingham

Amount granted: £1,500

This project will enable school children from the East Midlands to participate in the Junior Space Science Fair, where they will have the opportunity to meet with scientists, engineers etc. The aim is to demonstrate to interested pupils that science is a viable career choice.

Project: Gagarin 2011 - infrastructure and start-up

Organisation: Space Education Trust

Amount granted: £3,000

The YuriGagarin50 group aims to promote UK and Russian achievements and benefits derived through space science, technology and engineering. This will be done through the web and a series of events. The aims include engaging the public and encouraging school children to study STEM subjects. The web site is at <http://yurigagarin50.org/>.

Project: Rocket technology day: A Space4schools project delivered by Starchaser Industries Ltd

Organisation: New Line Learning Academy

Amount granted: £870

Through a Rocket Technology Day, up to four groups of 11-14 year old pupils will be involved in the design and construction of rockets. This will give them a greater understanding of the way STEM subjects may be used to open up different career paths.

Project: UK Space Conference 2010

Organisation: UK Space Conference

Amount granted: £3,000

This project is to both promote the success of the UK space community and encourage students of all ages to consider STEM related subjects. The conference was held over 5 days, concluding with a fund raising awards dinner. This grant will enable wider participation by students in the conference.

Project: Our Space - Creating digital space adventures

Organisation: Queen Mary, University of London

Amount granted: £5,000

The first phase of the 'Our Space' project will include a series of workshops with young people to help design digital learning resources based on the video clips of experiments performed in space by spaceflight participant, Richard Garriott. In the second phase, these ideas will be used as examples to launch a competition to reach larger numbers of school pupils and generate new learning resources. The project is aimed across the educational spectrum and will help in supporting the delivery of the new 14-19 diploma. The web site is at www.our-space.org.

Project: Out of this world classroom

Organisation: Grove Primary School

Amount granted: £4,000

Through moon watch evenings, opportunities for students to meet with science enthusiasts and visits to the Royal Observatory and National Space Centre, this project will help to raise interest in science in school and increase skill levels relating to science investigations. Activities for 7 - 11 year old children, including lesson templates that may be used by other schools, will also be developed.

Project: Shoeburyness Space Academy

Organisation: Shoeburyness High School

Amount granted: £5,000

Shoeburyness High School will develop a curriculum module for Year 8 students to promote the wide range of space science careers and hold a community 'space science' event to promote UK space science. In addition, the school will hold a specific curriculum event to promote higher education and careers in the UK space sector.

Project: SPACE - (School, Parents And Community Engaged) - Bringing space closer to home

Organisation: Stewards School

Amount granted: £1,152

Stewards School will raise the profile of space through a variety of means including a Science Club, science lessons, assemblies and a Space Spectacular family day. It will produce a cross-curricular space programme for use during Space/Science week for 11 - 16 year olds, establish a Space Camp for 11 year olds and hold space related lectures and workshops for 7 - 11 year olds.