

SPACE LIFE SCIENCES SYMPOSIUM (A1)

Public Outreach and Education - Integral Elements of Space Life Sciences Program Development (8)

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SCOTTISH SPACE SCHOOL - INSPIRING THE NEXT GENERATION OF SCIENTIST AND ENGINEERS

Abstract

The Scottish Space School is an education outreach program that inspires, motivates and raises the aspirations of young people in Science, Technology, Engineering and Mathematics (STEM). Through its unique strategic partnerships with NASA and the international space community, the Scottish Space School has harnessed the fascination and excitement of space exploration to encourage more students to study STEM subjects in high school and at university, and to consider the wide range of career opportunities in science and engineering. Core elements of the Space School; 1) a week long residential space camp for Secondary school students, 2) a primary and secondary school visit programme, and 3) curricular support materials for science teachers from NASA Education. Between 2002 and 2008 approximately 1000 students attended space camp, either at Space Center Houston or at a Scottish university. NASA astronauts, scientists and engineers have delivered the STEM message to over 150,000 young people, representing 20