



The Legacy of Destination Space

Phase 1 Destination Space across the Science and Discovery Centre Network
January 2017 – February 2018

March 31st 2018

By Dr Penny Fidler and Shaaron Leverment



Table of Contents

Map of the 20 Science Centres delivering Destination Space Phase 1	2
Executive Summary	3
The Reach and Impact of Destination Space Phase 1 January 2017 – February 2018.....	4
Destination Space: public shows	4
Destination Space: schools’ workshops	5
Destination Space Public Show adapted for schools.....	6
Extending school audiences	7
Special Educational Needs.....	7
Destination Space for Early Years.....	7
Creating new shows and workshops	7
Meet the Expert Sessions	8
Strengthening Partnerships with space research and industry organisations.....	9
Creative use of Destination Space kit and context.....	9
Youth Groups and Science Centre Sleepovers	9
Family and Adult Events	10
Reaching Wider Audiences with Destination Space.....	11
Transformative outcomes from Destination Space Phase 1	13
Legacy Exhibitions	13
Themed months and seasons.....	14
The Training of Science Centre Staff	15
Building capacity within Science Centres and the Science Centre network	16
The Future of Destination Space	17
Summary.....	18

Map of the 20 Science Centres delivering Destination Space Phase 1



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Executive Summary

Between October 2015 and 20 January 2017, 733,017 children and adults participated in schools workshops, family shows and launch events at 20 Science Centres and Museums across the UK as part of the national Destination Space programme in celebration of the stories, science, achievements and innovative ideas of human spaceflight as part of a national celebration of Tim Peake's mission to the ISS.

Since January 2017, Science Centres have continued to use Destination Space workshops, shows and activities to inspire audiences in a range of formats and contexts, reaching out to new audiences and utilising their expertise and passion to create an ongoing celebration of space science, engineering and human space flight across Science Centres in the UK.

This report details the period From 20 January 2017 to 28 February 2018. During this time, shows, workshops, meet the expert events and direct activities have engaged and inspired an additional **181,629** children, young people and adults across the UK.

Within this number, Destination Space directly engaged 52,104 school students and 6,803 teachers through specific curriculum-linked schools' workshops. 5,460 children and adults met research and industry space scientists through Meet the Expert sessions, career events and space talks in 2017. In total an additional 2,187 separate events have taken place.

Throughout the programme of Destination Space Phase 1, between October 2015 and February 2018, **914,646 people have taken part in Destination Space schools workshops, family shows and activities.** This number includes:

- 362,157 children and adults who took part in the Destination Space family show.
- 152,348 school children and teachers who took part in curriculum-linked shows and workshops.
- 80,201 children and adults met with a space scientist or engineer showcasing space science and engineering careers.

In addition, Destination Space has reached **at least a further 1,135,786** visitors through exhibitions and interactive zones, dedicated space themed galleries and summer seasons, which have creatively utilised the equipment, themes, stories, activities and knowledge from this exceptionally popular national programme.

This brings the overall wider number of children and adults engaged by ASDC's Destination Space Phase 1 to at least 2,050,432 people: a tremendous legacy, the numbers of which will continue to rise year on year. This report outlines the ways in which Destination Space has continued to inspire hundreds of thousands of school children, families, adults, Science Centre and Museum staff and science professionals, across a range of formats and contexts through the UK Science and Discovery Centre network.

The Reach and Impact of Destination Space Phase 1 January 2017 – February 2018

Type of Workshop or activity	Number of events	Number of participants
1. Destination Space family shows	798	98,687
2. Destination Space school shows (KS1, KS2, KS3) (including teachers)	64	3,724
3. KS1 Destination Space workshop (including teachers)	453	21,749
4. KS2 Destination Space workshop (including teachers)	568	20,739
5. KS3 Destination Space workshop (including teachers)	55	1,914
6. Legacy coding/rocket workshops (KS1, KS2, KS3) (including teachers)	29	953
7. Brownies, Cubs and special groups	48	4,856
8. Special events (e.g. Space themed days, toddler takeover days)	39	14,565
9. Festivals & outreach events	22	9,570
10. Meet the Expert, talks, lates and careers events (excluding school children and teachers accounted for above)	10	3,510 (Total 5460)
11. Teacher training workshops	78	967
12. Community group experiences	13	195
13. Children's parties	10	200
Total	2197	181,629

Destination Space: public shows

Between 20th January 2017 and 28th February 2018, Aberdeen Science Centre, Eureka! The National Children's Museum, The Eden Project, Glasgow Science Centre, the National Space Centre, Techniquet Glyndwr and W5 performed the Destination Space public show for family audiences, following its great reception from audiences in 2016.

The Destination Space public show, developed for families, has been performed a further **798** times, with **98,687** children and adults taking part in a family show. Notably, many Science Centres have utilised national celebrations such as World Space Week 2017 or special themed events, months or summer seasons to bring Destination Space to public audiences once again.



Destination Space: schools' workshops

The Destination Space schools' workshops, particularly the Key Stage 1 and Key Stage 2, have a lasting legacy within the ASDC network. Science Centres have continued to run school programmes across England, Northern Ireland, Scotland and Wales. For many Science Centres, the workshops have become an integral part of the ongoing portfolio of high quality shows and workshops offered to schools and home educator groups, and they have continued to be popular with groups throughout 2017.

In total, **52,104** school children and **6,803** teachers have taken part in Destination Space workshops, shows and events between January 2017 and February 2018.

Comparatively, the number of school students taking part is less than the numbers participating in public shows. However, the number of events taking place exceeds the number of family shows (798) with at least **1,114** separate workshops or shows taking place across the network for school groups.

In addition, 18 of the 20 Science Centres taking part in Destination Space report that they have used the resources for school workshops since 20th January 2017. Of those that did not, the Eden Project utilised the

equipment in busking activities and public programming during their summer theme of Space, and Cambridge Science Centre was unable to report details due to changes during their current relocation.

Destination Space workshops have become firmly embedded in the core programme that Science Centres offer to schools. In Scotland, Dynamic Earth, Aberdeen Science Centre, Glasgow Science Centre and Dundee Science Centre have adapted the school workshops to the Scottish Curriculum for Excellence and they are continued to be offered for First Level (Primary 1-3) and Second Level (Primary 4-7). In England, Wales and Northern Ireland, Eureka!, Jodrell Bank Discovery Centre, the National Space Centre, The Science Museum, Techniquet Glyndŵr, Thinktank, W5 and Winchester Science Centre have also all incorporated Destination Space activities within schools workshops for KS1, KS2, KS3, as a key part of their core, educational programme offer. The continued offer of Destination Space for school groups is highly valued by the majority for Science Centres and is a great success in the legacy of Destination Space.

Destination Space: Public show adapted for schools

Dundee Science Centre, the Observatory Science Centre, Techniquet and Techniquet Glyndŵr, all adapted the public Destination Space show to work with specific school audiences. At Observatory Science Centre and Techniquet Glyndŵr, it was reported that this approach is very well received by teachers who can book both space themed workshops and shows (or alongside a planetarium visit at Techniquet Glyndŵr), providing greater depth and breadth of understanding of different elements of the topic of space such as life as an astronaut and the team behind Tim Peake's mission to the ISS. This broader offer for schools, providing a full day of space related activities has been highly appreciated by teachers visiting the Science Centres. At Dundee Science Centre, these hands-on school shows were visual and exciting, featuring the hydrogen balloons, whoosh bottles, the hovercraft and the vacuum jar, and were taken as outreach shows, performed to both primary and secondary school assemblies in 2017.



Extending school audiences

Destination Space not only fits well within established programmes but has extended the reach of space sciences to new school audiences for some Science Centres.

“The programming helped to spread the topic into KS1 which has been very successful both from an audience perspective but also the museums”

~Learning and Access Team Leader, Thinktank, Birmingham Science Museum

Destination Space programming also enabled Science Centres to offer KS3 sessions that are linked to STEM careers and space exploration, extending a new and engaging offer for older students. Thinktank and W5 both reported that offering space-related workshops to new ages has been an excellent aspect of Destination Space, finding that schools have been very receptive to book these programmes.

Special Educational Needs

Science Centres throughout the network have used the Destination Space equipment to create excellent, tailored experience for different assisted needs school-groups. In particular, Dundee Science Centre specifically developed workshops with a high sensory and/or tactile focus, using the hands-on equipment, space-suit, videos of rocket launches, alongside meteorite samples, to provide space-themed experiences suitable for special education needs groups.

Destination Space for Early Years

Destination Space was developed for ages 5 and above and many Science Centres have seen great potential in the use of the equipment for early years education. Dynamic Earth have developed a Destination Space Early years story telling show, which draws heavily on Destination Space KS1 programme content, narrative and kit. Eureka! The National Children’s Museum, also held story times for younger visitors using ‘Goodnight Spaceman’ by Tim Peake and ‘The Darkest Dark’ by Chris Hadfield, including discussions about each astronaut, their achievements and a variety of space-related activities for young children to engage with. Glasgow Science Centre developed an early years workshop and Aberdeen Science Centre have also used both the equipment and knowledge gained from the Destination Space Programme to develop a new ‘Little Explorer Day’ show. Finally, the National Space Centre utilised Destination Space equipment during their toddler takeover day reaching out to 400 3-5 year old children and their families with specifically adapted Destination Space activities.

Creating new shows and workshops

Many activities, equipment and elements of the Destination Space shows and workshops have since been creatively incorporated into a plethora of new public show programmes running across the UK reaching hundreds of thousands of Science Centre visitors throughout 2017. Some of these new show titles include:

‘Life in Space’ – National Space Centre

‘Space!’ – W5

‘The Great Cornish take off’ – The Eden Project

‘To Space and Beyond’ – Jodrell Bank Discovery Centre

‘Number 2: The Poo Show!’ – Life Science Centre

In addition to Destination Space workshops, Thinktank used additional funding from Destination Space to produce new rocket and coding based workshops for KS1, KS2 and KS3 that utilise key elements of equipment and content from Destination Space Phase 1. Dundee Science Centre have a 'Rocketry Force' workshop as part of their current core school programme which now incorporates combustion demos, hands-on activities to engineer paper rockets to launch and is presented in the context of Tim Peake's mission to the International Space Station (ISS). To date these legacy workshops have reached a further **953** school children and teachers during the above reporting period, reaching an extra 3,206 school children since launch.



Many other Science Centres, such as the Life Science Centre and We The Curious have created, developed and updated schools 'workshops to fit within their ethos, vision and brand, utilising Destination Space content in new ways such as Young Astronomers workshops (Royal Observatory Greenwich) and planetarium shows that link with Life on-board the International Space Station (W5, Liverpool World Museum and Life Science Centre). Across the Destination Space Science Centre network, the equipment, knowledge and expertise that has given rise to these new shows and workshops is another aspect of Destination Space legacy worth celebrating.

Meet the Expert Sessions

Meet the Expert events, promoted by the Destination Space programme, bring the public together with space research and industry scientists. Opportunities for school children and the public to meet and talk with space science role models continue to run at the Life Science Centre, National Space Centre, Techniquet Glyndŵr, W5 and the World Museum Liverpool.

Experts have been brought into Science Centres for specialists talks, career events, teacher training events, space themed 'Lates', stargazing events and space science-themed evenings, which run for both adult and family audiences. Winchester Science Centre have utilised Destination Space equipment at local school career events, as have Techniquet, who found that the robot arms, used as part of a suite of problem solving and challenge activities, were effective at engaging with students to provide the opportunity to discuss space careers and the wider space sector.

Between January 2017 and February 2018, over 20 separate events have taken place bringing professional space scientists together with the public and schools. **110** space science industry scientists, researchers and

engineers have brought their expertise and passion to the public, and have personally interacted with **5,460** children and adults across the UK.

Strengthening partnerships with space research and industry organisations

Meet the Expert sessions, coupled with the national celebration and high profile of Destination Space, have supported Science Centres establishing and extending links with space research and industry professionals and institutions.

Through Destination Space, the National Space Centre have been able to reinforce and further links with expert partners, particularly by running events with expert speakers. Aberdeen Science Centre were also able to develop existing relationships with organisations such as Aberdeen Renewable Energy Group and NASA in Aberdeen. Through these collaborations, new relationships have developed with local universities, visitor centres and professional institutes throughout Aberdeenshire.

Techniquet established links with Cardiff University through Destination Space and the World Museum Liverpool established links with the University of Liverpool, Liverpool John Moore's University and Edge Hill University through bringing experts from astrophysics, engineering and computer science departments into sessions in the museum.

These partnerships have led to closer and active working relationships between Science Centres and space industry or academic organisations, resulting in partnerships in events to reach new audiences, and the extension of programming and projects that support space careers and knowledge of local industry and research skills.

Creative use of Destination Space kit and context

Science Centres across the network have been engaging public and school groups with the amazing science and stories from Destination Space Phase 1, incorporating these elements into special events, new show programmes and new formats to engage with different audiences. The flexible and modular equipment provided to Science Centres allows them to use their expertise, knowledge and understanding of the needs of different audiences, to adapt the family shows or workshops to suit various groups and settings.

Youth Groups and Science Centre sleepovers

Destination Space activities support many youth groups and after school clubs. Dynamic Earth have also delivered 10 Space-themed birthday parties reaching more than 200 people, using an adapted version of their Destination Space early years story telling show.

In particular, brownies, cubs, beavers and rainbows are keen to explore human space flight as they work towards completing badge work. Aberdeen Science Centre, Dynamic Earth, Life Science Centre, the National Space Centre, Techniquet Glyndŵr, Thinktank, We The Curious, Winchester Science Centre and the World Museum Liverpool use Destination Space activities when working with these groups, as well as utilising Destination Space equipment, activities and knowledge within wider STEM, Engineering and Astronomy Clubs.

Destination Space has also provided popular activities and resources for sleep-over events, such as those held by the National Space Centre and Dynamic Earth. These are particularly popular with brownie and cub groups. As an ambassador for the UK Scout Association, Dynamic Earth were fortunate enough to have their sleepover event tweeted by Tim Peake himself, as he wished all the young people a great evening completing their space activity badge!

📶 O2-UK 4G 20:59 91% 🔋

< Tweet +



Tim Peake ✓
@astro_timpeake

Replying to @104thENEScouts and
@LearnAtDynamic

Good luck and enjoy the Space
Badge activities 🚀

10/11/2017, 20:32



Family and Adult Events

The exciting environment of a Science Centre, coupled with a space-themed event is a winning formula to engage groups of children and adults alike. Aberdeen Science Centre have created special space days where children take part in the Destination Space: Join the Crew show, robot arm and rocket launching workshops. Liverpool World Museum, organised five stargazing, space science events reaching 1,300 people across 2017.

The equipment and activities, coupled with Science Centre staff knowledge has also been brought to adult-only groups throughout the Destination Space Science Centre network. Workshops have been extended to teacher training workshops (Life Science Centre) and utilised within STEM Ambassador training by Winchester Science Centre.

Science Centre space-themed Lates, run by the National Space Centre, the Science Museum and Glasgow Science Centre, and recently initiated at Eureka! and W5 are excellent ways to extend the audience and level

of discussion of human spaceflight and the ISS. Destination Space equipment was also used by Jodrell Bank Discovery Centre for their very successful 'Girls Night Out' events, which they hold every year on International Women's Day in March.



Reaching wider audiences with Destination Space

Some of the Destination Space equipment, such as the Sokol Suit, the hovercraft, space food and robot arms are portable and work extremely well for outreach and for busking activities. They provide an excellent 'wow' moment that engage audiences and initiate discussions. This equipment has been used by Aberdeen Science Centre, Dundee Science Centre, Glasgow Science Centre, Jodrell Bank Discovery Centre, Techniquest Glyndŵr, Thinktank, W5, Winchester Science Centre and the World Museum Liverpool, both inside the Science Centres themselves, out in the carpark queues during busy school holidays, or as favourite outreach activities during festivals and community events.

Glasgow Science Centre have developed a 'Science on the Spot' activity around space science that draws on equipment, themes and knowledge from Destination Space and has been taken to the Royal Hospital for Children in Glasgow. The Destination Space equipment has also reached new venues in Northern Ireland as W5 loaned equipment to Belfast Central Library for an exhibition which ran for four months (June 2017 – Sept 2017). During this time, the library had over 42,000 people through the exhibition.

Destination Space has been an integral part of programming for fairs, events and festivals across the nation, a selection of which are listed below:

- September 2017, Culture Night (delivered by W5)
- March 2017, The Big Bang Fair Birmingham (delivered by Thinktank working alongside the UK Space Agency)
- April 2017, The Maker Faire UK (delivered by Life Science Centre)
- July 2017, The North West Astronomy Festival (delivered by Liverpool World Museum)
- July 2017, The Bluedot Festival (delivered by The Eden Project)
- October 2017, Dundee Science Festival (delivered by Dundee Science Centre)
- February 2018, The Northern Ireland Science Festival (delivered by W5)



Throughout 2017, the learning team from Dynamic Earth delivered 15 community group experiences and workshops focussing on the themes of robotics and rockets, drawing from the content, themes and equipment used in the Destination Space Programme. Winchester Science Centre also utilised Destination Space for community science fairs.

At Dundee Science Centre, the Communities Team regularly use Destination Space Equipment for outreach at local community hubs. In order to reach local audiences and alleviate some of the barriers to engagement, such as financial barriers, confidence and access to transport, over 70% of events are held in local community hubs with at least 2 events in each of the 6 wards of Dundee (Maryfield, Lochee, Coldside, East End, North East, Strathmartine) that fall into the highest 25% of the Scottish Index of Multiple Deprivation (SIMD, 2016). These events included 'Bonfire Night' celebrations at Lochee park, offering local families the opportunity to learn about the science of rockets and how exactly the fireworks are launched, and during a 'Science Busking' event held at the local Wellgate Shopping Centre.

While on outreach, the community teams are often asked questions such as "How do we know we actually landed on the moon?", "How do Astronauts go to the toilet in space?" and "What happens if you take off your space helmet?" At Dundee Science Centre, these questions then shaped their 2017 summer holiday public programme where our team made sure to include the answers to the most popular questions asked in the headlining theme for the summer: 'Boom Bang Blast Off!'. Working with community groups in the build up to and alongside the Dundee Science Festival, encouraged local groups to come into the Science Centre who may not have previously viewed the centre as a place they feel comfortable in. Dundee Science Centre report that Destination Space activities are always very attractive, leading to a great deal of interaction and discussion. Destination Space can be used to "engage with local people in a way that is truly meaningful and worthwhile".

Transformative outcomes from Destination Space Phase 1

Legacy Exhibitions

ASDC administered awards for Science Centres during 2016, to create and enhance inspirational Tim Peake and human space flight STEM engagement activities, equipment and exhibitions in order to support and extend the reach and impact of Destination Space Phase 1.



Alongside additional equipment, upgraded infrastructure and developed resources, many Science Centres used these funds to create 'Space areas' that have been viewed by hundreds of thousands of visitors during 2017 and this number continues to rise. Aberdeen Science Centre, Glasgow Science Centre and Techniquest all created dedicated zones within the Science Centre that featured interactives and displays that showcased human space flight, space science and engineering. The National Space Centre built a large wall that showcased footage of Tim Peake's spacewalk alongside linked display items and W5 purchased a Fulldome planetarium systems to travel out to schools and public festivals. These items of equipment, exhibition spaces and initiatives would not have been possible within this timescale without Destination Space.

In addition, to these initiatives, the lasting inspiration from Destination Space has been captured and built into themed events and summer seasons in Science Centres across the nation. At Winchester Science Centre, resources from the KS3 Destination Space workshop are now used in their Invention Studio, a zone dedicated to visitor-driven problem based learning and accessed by 180,000 visitors per year. Winchester Science Centre are also soon to be opening an exciting new Astronomy zone and Destination Space resources will be on long term display in this area with credited thanks to the Destination Space project.

Liverpool World Museum have installed large screen in their Space Gallery, showing ESA videos and the In-Flight Call to Tim Peake. This archived video on display at the Centre has since had over 100,000 views and the Space Gallery has engaged several hundred thousand adults and children, attracting audiences and prompting active discussions.

Planetarium foyers and corridors have been utilised as permanent exhibition spaces to enhance the space environment for audiences. Images from Destination Space provide great visual experiences, and initiate lively conversations among families who view them while excitedly waiting for a supporting planetarium

visit, which features the ISS. Thinktank and the Life Science Centre have both utilised these spaces, with exhibitions engaging with a further 73,625 and 1,800 children and adults respectively.

“The museum experienced increased visitor numbers during periods when Destination Space and Tim Peake activities were at the forefront of our programming in 2016... The Destination Space programme seems to have been the most successful in terms of attendance and also in enthusing and inspiring our staff.”

~Play & Learning Manager, Eureka! The Children's Museum

Science Centres who reported the numbers interacting with specialised exhibitions, interactive zones and special areas that are inspired or funded by Destination Space are listed below. However, it is likely that the total number of visitors engaging with legacy exhibitions, equipment, resources and activities is far higher than reported below:

Type of exhibition or activity (of those reported, excluding number reported above)	Number of participants
Invention Studio at Winchester Science Centre (Features KS3 Destination Space workshop)	171,977
Space Gallery at Liverpool World Museum (Featuring images and video watched by the public)	100,000
Planetarium Gallery at Thinktank (Featuring images and messages from Destination Space)	73,625
Visitors engaging with Destination Space inspired activities at Museum of the Moon exhibition at Thinktank (total visitors 24,162 to Luke Jerram’s work)	2,237
Planetarium Content at Life Science Centre	1,800
Interactions with a Legacy Exhibit at Glasgow Science Centre	236,147
The Eden Project, Summer season visitors to “Journey into Space”	550,000
Total numbers disclosed by Science Centres	1,135,786

Themed months and seasons

During February 2017, Eureka! took the theme of ‘Space Trek’ for the 2-week holiday and general public visitors were able to take part in a variety of space-related activities, including equipment such as the hovercraft and compressed air rocket launcher, from the Destination Space programme, a replica ‘Mars Rover’ purchased with additional Destination Space funding and themed astronaut activities. Due to the success of Destination Space, the theme of ‘Space’ was taken by Aberdeen Science Centre for the whole of March 2017 and Thinktank ran a summer exhibition theme which focussed on solar and moon eclipses,

linking the amazing stories, science and innovative ideas of human space exploration with hosting Luke Jerram's 'Museum of the moon'. 2,237 families took part in a public program that linked Destination Space and these exhibitions.

Glasgow Science Centre have installed an exhibit with additional funding from Destination Space and this legacy exhibit and supporting interactives have had 236,147 visitors between January 2017 and February 2018. As part of the legacy of Destination Space, Dundee Science Centre took 'Boom Bang Blast Off!' as the headlining theme for summer 2017 a theme shaped by questions from the community and celebrating human space missions.

One of the great success stories and legacy of Destination Space rests with the Eden Project. Over the last 2 years, and continuing to 2019, the Eden Project has embraced space science as a field in which visitors can explore science and their imagination, thinking not only about other worlds but how we may continue to survive on our own. Since Destination Space, the Eden project have tied space science perfectly with their core missions. As the space industry is part of Cornwall's future, Eden embrace the importance of providing an opportunity for local schools and visitors to engage with these themes and use this as an opportunity to promote inclusivity within science. The Eden project summer 2017 live programme 'Journey into Space', was space-themed and loaded with referenced interpretation, family activities and space shows. Elements within the shows and activities were derived directly from Destination Space, such as the astronaut suit and rockets. During the summer period in 2017, approximately 600,000 engaged with this content and shows derived from Destination Space were run 4 times a day for the 6 week summer period, reaching approximately 50,000 members of the public.



Credit: The Eden Project

The Training of Science Centre Staff

The knowledge and skills acquired for staff during Destination Space has been invaluable to Science Centres. The Eden Project, Eureka!, Techniquest Glyndŵr, Winchester Science Centre, W5 and the World Museum Liverpool all report that staff from Science Centres who were involved in the training, development and delivery of Destination Space subsequently inform wider programme development and widely share their knowledge and enthusiasm with other staff and visitors. Since Destination Space, staff have also become

more aware of space programmes, the UK's involvement in space science and the roles of the UK Space Agency and ESA.

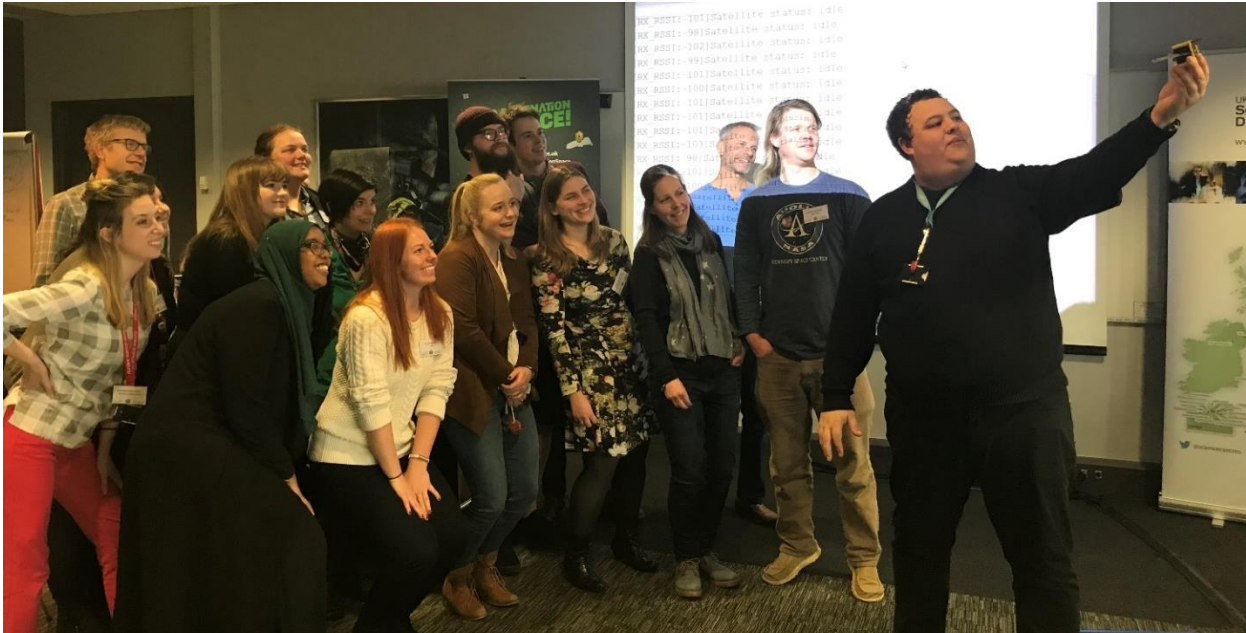
“The programme allowed us to engage staff with the topic of human space flight and they are keen to share this with all visitors who they engage with about the topic of space.”

~Senior Education Officer, Techniquet Glyndŵr

At Eureka, the staff have directly impacted the future space activity at the Science Centre and the huge commitment from the Eden Project resulted in the majority of their Narrator team being involved in the delivery of Destination Space and therefore a great sharing of knowledge and expertise within the Centre.

At Winchester Science Centre, the lessons learnt through delivery of the Destination Space family show have led to the organisation adopting a culture of reflective practice in the development of live science shows, with the live presenter-led science offer having increased hugely since the first Destination Space shows were delivered.

The large number of Science Centre staff who have been brought together by ASDC, becoming trained and inspired educators able to converse with the public about the topic with confidence and enthusiasm, is an important aspect of all ASDC national programmes. Although this effect is difficult to measure empirically, within this report it is clear how the information and knowledge share of Science Centre staff involved in Destination Space, has informed, developed and delivered a myriad of creative programmes such as shows, workshops, clubs and training events, providing Destination Space with an impressive legacy.



Building capacity within Science Centres and the Science Centre network

Greater collaboration within and between Science Centres has been encouraged throughout Destination Space. The Destination Space training academy and national meeting brought together like-minded individuals with similar passions and expertise from geographically separated Science Centres, promoting sharing best practice and knowledge transfer.

Following Destination Space training events with ASDC, the Scottish Science Centres have started to meet on a six-monthly basis. The purpose of these meetings is to discuss best practise for ASDC programmes and general STEM Communication for those from the STEM Learning Teams who develop and deliver shows. To date there have been 2 meetings, with the 3rd meeting due in May 2018. Glasgow Science Centre may collaborate with the National Museum of Scotland through outreach activities in June and July 2018 when they host to the Soyuz capsule used by Tim Peake. Without the ASDC Destination Space programmes these staff members would be less likely to meet and initiate these meeting which facilitate these partnerships.

The National Space Centre have met and collaborated with staff at other Science Centres, most recently arranging an expert 'swap' with Jodrell Bank Discovery Centre, where Jodrell Bank sent someone to support a Space Lates event and the National Space Centre sent a staff member over to deliver workshops at their Girls Night Out.

"Being part of the Destination Space programme has meant that our staff have been able to engage with other Centres and also keep up to date with new information. While staff do have a broad depth of knowledge and idea sharing, collaborating with specialist centres is very important."

~ Science Director, The Observatory Science Centre

Destination Space has also supported teams within individual Science Centres. W5 continues to use their mobile planetarium, purchased with additional funding from Destination Space, to inspire audiences about human spaceflight and, building on an excellent track record in engaging students with space science through the Destination Space programme, W5 was also successful in a funding application to the Science and Technology Facilities Council for a new 'Life Through a Lens' programme focusing on telescopes and astronomy. Receiving funding and high end equipment is an important aspect of the programme. The Observatory Science Centre reported that, as a small educational charity, they must produce shows on tight budgets so programmes that have already been developed with experts, offering high quality STEM content, relieves some of this pressure for Science Centre staff.

W5 and The National Space Centre also reported that Destination Space also supported greater communication within the centre itself, strengthening links particularly between Education and Space Communications departments.

"The Launch Event for Tim Peake's Principia mission was the first time W5's Education Team had run a joint public/ schools programme that ran till 21:00 in the evening. There are staff members who rate this event as their favourite event of all time while working in W5!"

~Educator, W5

The Future of Destination Space

Science Centres within the Destination Space UK network are keen to provide a strong legacy and are proud to be continuing to deliver Destination Space activities, repurposing and reutilising the equipment, wider resources and knowledge to attract wider audiences with the popular topics of space and human space exploration.

Science Centres across the network, including Aberdeen Science Centre, Dynamic Earth, Eureka!, Glasgow Science Centre, Life Science Centre, Observatory Science Centre, The National Space Centre, Techniquet Glyndŵr, Thinktank and W5 will continue to run the Destination Space school's programme, utilising equipment from Destination Space Phase 1 and bookings continue to be taken across a range of school offers from Early Years to Careers events.

Aberdeen Science Centre, the Observatory Science Centre, Techniquet Glyndŵr and W5 plan to run the Destination Space public shows, linking with key holidays and celebrations such as World Space Week, the 50th anniversary of Apollo 8 in December 2018 and the many important space related events including the launch of the James Webb Space Telescope, ExoMars and the 50th anniversary of the first lunar landing in 2019 and 2020.

Summary

Across our network of 20 Destination Space Centres, Science Centres report that the equipment and resources from Destination Space will continue to provide fundamental aspects that are used for school workshops, public talks, adult 'Lates', sleep-overs, busking activities, shows and special events throughout 2018 and beyond, both in-house and through outreach activities.

Creative use of the shows and workshops will engage school children and families at brownie, cub and beaver events, sleepover events, science and astronomy clubs, youth groups, birthday parties, community and outreach science engagement and during themed months, where plans for a Space theme (Eden Project, Aberdeen Science Centre) and Engineering and Space Exploration (Thinktank) continue to be captivating topics for the public, providing a fantastic draw for people to explore, investigate, engineer, challenge and engage with space sciences.

"The Destination Space programme was hugely successful at Dynamic Earth and enabled us to run a very diverse STEM engagement programme throughout 2016. It has continued to provide us with a variety of opportunities in 2017 thanks to robust and engaging kit and a strong and easily identifiable narrative."

~Scientific Director, Dynamic Earth

For those Science Centres taking part, Destination Space has been hugely successful, becoming a flagship programme within the wider informal science education sector. Across the UK network of Science and Discovery Centres, organisations are excited to hear of the future developments and directions for the Destination Space Phase 2 programme and Destination Space Phase 1 related activities continue to be part of Science Centre activities and celebrations into the foreseeable future. They have become an embedded part of Science Centre programmes, continuing to inspire hundreds of thousands of children and adults across the UK.