A very warm welcome to 'The Secret World of Gases' national programme



The UK Association for Science and Discovery Centres (ASDC) is delighted to be working in partnership with the Royal Society of Chemistry and BOC, the UK's biggest industrial and medical gases company, to share some of the most fascinating and diverse chemistry in the country with the public, through the successful infrastructure of the UK's Science and Discovery Centres and Science Museums.

The Secret World of Gases will engage, inspire and involve schoolage children and their families with the amazing stories and science of gases, investigating the latest innovations, dispelling myths and exploring how gases will be used for a greener future.

The programme is jointly funded by the Royal Society of Chemistry and BOC, and will deliver an inspirational and hugely exciting national programme of hands-on activities and experiments for children

and families across England, Scotland, Wales and Northern Ireland.

This national programme was developed by ASDC in partnership with experts from the Royal Society of Chemistry, BOC and Winchester Science Centre, along with expertise from a host of other scientists, chemists, gas experts, engineers, researchers and engagement experts. The project team, led by ASDC, has developed experiments, activities, equipment and resources, and is training and equipping nine UK Science Centres to run the programme with families across the nation through 2018 and beyond.



The UK Science and Discovery Centre Network Dundee Science Centre Dynamic Earth Royal Botanic Garden Edinburgh National Museums Scotland Royal Observatory Edinburgh Tyne and Wear Museums (Discovery Museum) Armagh Planetarium National Railway Museum Lakeland Wildlife Oasis National Media Museum MAGNA Nowgen Kelham Island Museum Jodrell Bank Discovery Centre Richard III Visitor The Green Brita Centre Centre for Alternative Technology Oxford University Museum of Natural History Cheltenham Science Group Wellcome Genome Campus Science and Technology Facilities Council (STFC) The Royal Institution Porthcawl Harbourside The Living Rainforest The Royal Astronomical Society Wellcome Trust Amgueddfa Cymru – National Museum Wales British Science Association Institute of Physics We The Curious The Look Out Discovery Centre Science Museum Centre of the Cell Natural History Museum Royal Museums Greenwich Royal Botanic Gardens Kew King's Co**il**ege London The Novium Museum The Royal Society Horniman Museum and Gardens National Marine Aquarium London Porthcurno Telegraph Museum www.sciencecentres.org.uk Science and Discovery Centres © The Association for Science and Discovery Centres, September 2017

The Secret World of Gases Team

The Project would like to thank all those who have helped create, develop and deliver this project, from the initial idea and generous support of our funding partners, to the huge amount of expertise, creativity and scientific knowledge they and others have brought to the project along the way. In particular, we would like to thank the following people and organisations.

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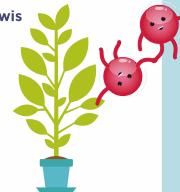
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Science Centre Delivery Partners

- 1. Aberdeen Science Centre
- 2. Glasgow Science Centre
- 3. International Centre for Life, Newcastle
- **4.** Eureka! The National Children's Museum. Halifax
- 5. National Space Centre, Leicester
- 6. Winchester Science Centre
- 7. Eden Project, Cornwall
- **8.** Techniquest Glyndŵr, Wrexham, North Wales
- 9. W5, Belfast

Expert Contributors at the Charette

We would also like to say a huge thank you to all the experts who gave their time to join the Charette at the Royal Society of Chemistry on 14th March 2017. We thank them for so generously contributing their ideas, experiments and expertise on the day, all of which shaped this programme. We also thank all those who have contributed in various ways since the Charette, and acknowledge all the hard work of the Project Team and the guidance of the Management Board throughout.

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| Experts who have assisted the project at t Charette or in the programme developme | | | |
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