

PRIMARY

# EDUCATION UPDATE

2017

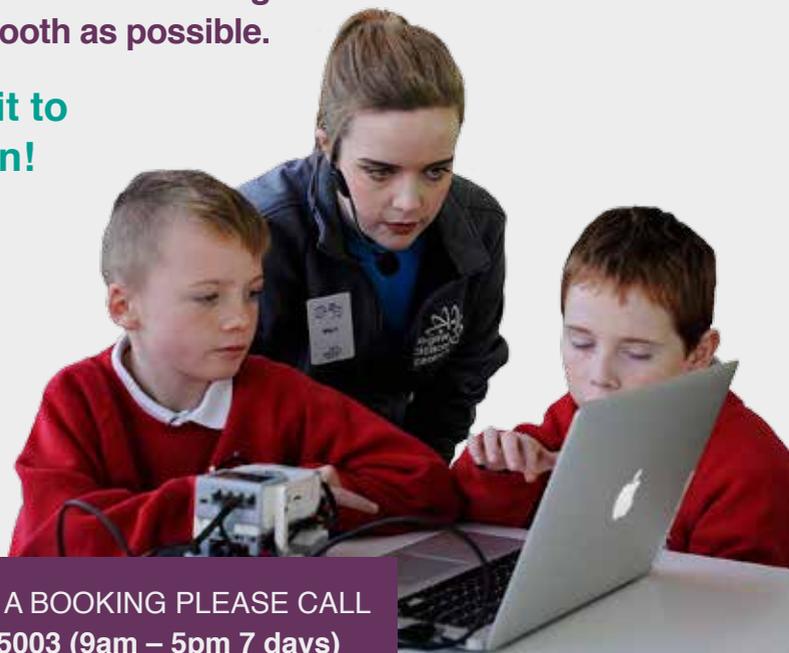


glasgow  
science  
centre

The logo for Glasgow Science Centre, featuring a stylized white atom symbol with three elliptical orbits and a central nucleus.

Welcome to our education update, giving you all you need to know about what's on offer at Glasgow Science Centre. We ensure that every structured learning session is carefully aligned with the Curriculum for Excellence and National Qualification stages, and our overall offer has been approved by HMIE. We hope that our offer means it's easy for you to match your requirements to our programme, and our friendly bookings team are on hand to assist you with anything that you might need; along with help on any grant eligibility questions and making the process as smooth as possible.

**We can't wait to see you soon!**



TO MAKE A BOOKING PLEASE CALL  
0141 420 5003 (9am – 5pm 7 days)

## WORKSHOPS & SHOWS

### ELECTRIC DETECTIVE

SUPPORTED BY SCOTTISH POWER  
P4–P6 | MAR–APR | 45MINS

Investigate electrical circuits and energy use to solve a case with Sherlock Ohms, the energy detective.

### BODYWORKS: THE VITALS

P4–P7 | MAY–JUN | 45MINS

The human body is amazing! Join us to discover the workings of essential organs in our live science show. Explore the roles of digestion, circulation, respiration and the nervous system in helping you, be you!

### HANDS ON DNA

P4–P6 | FEB/MAY | 45MINS

Pupils will extract and observe their own DNA using specialised lab equipment and take away their own DNA strand. Discover how your DNA traits make you unique.

### THE PLANETARIUM

Don't forget to visit our full-dome digital Planetarium when you come to GSC. Ask us about it when you book!

## MY WORLD OF WORK LIVE!

### LASER CUTTING WORKSHOP

P7 | ON DEMAND | 90MINS

New for 2016/17. Work with graphics software to design your model and manufacture a prototype by cutting it out on the laser cutter.

### WHO NEEDS SCIENCE? SHOW

P7 | ON DEMAND | 45MINS

New for 2016/17. A live show with spectacular demonstrations in science, technology, engineering and maths, designed to inspire pupils as they discover the vital role of science in their lives and future careers.

## BODYWORKS ON TOUR

### CAREERING INTO SCIENCE

P7 | ON DEMAND | 45MINS

New for 2016/17. Where could science take you? With memorable demonstrations, this inspiring show highlights how everyone can benefit by studying science, technology, engineering and maths.

### FITLAB: MAXED OUT

P7 | FROM APRIL | 45MINS

New for 2017. Investigate the limits of physical fitness in this laboratory style workshop. Be guided through hands-on experiments that will reveal some of the ways in which sports scientists are working to optimise athletic performance.

## EXPERT EVENTS

### BRITISH SCIENCE WEEK

P4–P7 | 15<sup>TH</sup>–17<sup>TH</sup> MARCH | DROP IN

Join us during British Science week and have the opportunity to engage with STEM professionals from industry and research. Find out what it's like to be a scientist, take part in additional exciting experiments and get inspired about careers in science.

### POWER PLANET

P4–P7 | 26<sup>TH</sup>–27<sup>TH</sup> APRIL | DROP IN

Meet researchers and industry professionals from the energy sector and take part in their exciting, interactive activities as you learn more about energy generation and use.

### GLASGOW SCIENCE FESTIVAL

P4–P7 | 12<sup>TH</sup>–16<sup>TH</sup> JUNE | DROP IN

Celebrate all things science during the Glasgow Science Festival. The theme is Glasgow Explores: from the deep oceans to deep space and everything in between. A range of expert researchers will be on hand to talk about their work and answer your questions about the latest advances in science and technology.

## ONLINE RESOURCES

A wealth of worksheets, investigations and interdisciplinary activities are yours for free when you visit the learning resources section of our website. These cover topics on biological systems, planet Earth, materials and more. All activities are set out clearly with links and the appropriate educational level.

All resources have been developed to match the Curriculum for Excellence. The materials stand alone, can be used prior to a visit or to extend the experience in the classroom.



[glasgowsciencecentre.org/teacher-resources](https://glasgowsciencecentre.org/teacher-resources)

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