

SECONDARY

**EDUCATION
UPDATE**

2017



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

BODYWORKS: THE VITALS

S1–S2 | 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!

ASTROPHYSICS MASTERCLASS

S5–S6 | 14TH–16TH JUNE | 10AM–3PM

Join researchers from the University of Glasgow in this interactive workshop where you will investigate gravitational waves, stellar structures, cosmic rays and stellar wind. Students will do experiments of their own and learn about stellar evolution in the Planetarium.

ENERGY MINISTER

S1–S3 | ON DEMAND | 30MINS

New for 2017. Be an Energy Minister for the day as you investigate the effects of your chosen mix of energy sources on future energy supplies and climate change.

THE PLANETARIUM

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

MY WORLD OF WORK LIVE!

LASER CUTTING WORKSHOP

S1–S3 | 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

S1–S3 | 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

S1–S3 | 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

S1–S3 | FROM APRIL | 45MINS

New for 2017. Investigate the limits of physical fitness in this laboratory 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

S1–S6 | 15TH–17TH 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

S1–S6 | 26TH–27TH 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

S1–S6 | 12TH–16TH 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

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