QUALIFIED FOR LIFE: FOCUS ON SCIENCE

Lab notes Spring 2016 Science planner for teachers

Centre for Alternative Technology W

British Science Week. CAT celebrates British Science week on 14-18 March with a special 10% discount offer for school groups on selected activities. To book a visit phone 01654 705983 or contact education@cat.org.uk http://learning.cat.org.uk/

STEM Clubs Week 1-5 February. stemclubs.net

British Science Week 11-20 March.

For more information go to www.see-science.co.uk

Engineering Education Scheme Wales

Big Bang South Wales. Thursday 24 March Big Bang North Wales. Wednesday 13 April

F1 in Schools Primary 3D Regional Final. South Wales - Friday 4 March

For more information go to stemcymru.org.uk



Llywodraeth Cymru Welsh Government

www.gov.wales

PISA Scientific Literacy printable sample questions. www.hwb.wales.gov.uk/pages/PISA

Useful resources highlighting exciting job opportunities

within STEM. careerswales.com

Centre for Alternative Technology W

Thomas Howell Bursary Award – Book a FREE STEM visit for Key Stage 3, 4 and 5 pupils in North Wales. Phone 01654 705983 or contact education@cat.org.uk. Term time weekdays. 10am-5 pm. learning.cat.org.uk

Techniquest W

All About Me 12-15 January. www.techniquest.org Around the World 2-4 February. www.techniquest.org At the Circus 1–3 and 8–11 March. www.techniquest.org

Key Stage 2

Materials 19-22 January. www.techniquest.org Human Body 26-29 January. www.techniquest.org

Forces 9-12 February. www.techniquest.org Electricity 23–26 February. www.techniquest.org

Numeracy - The Adventures of Dr Isosceles 15-18 and 22-25 March. www.techniquest.org

DNA Choice: Photocopying OR A Question of Taste Secondary Schools 1-3 and 8-11 March. www.techniquest.org

Planetarium, Maths and Science shows are available for Foundation Phase, Key Stage 2 and Secondary Schools Most days throughout the school year.

www.techniquest.org

College of Engineering Swansea University

Bloodhound for Schools. Book a FREE interactive STEM show at your school and join the supersonic adventure. Available throughout academic year 2015-2016. swansea.ac.uk

AerOpt for Schools W A free aerodynamic design toolkit developed by researchers at Swansea University's College of Engineering. Available throughout academic year 2015-2016. zenodo.org

See Science W

Primary Science Challenge. Half-day science challenge for year 5 and 6 pupils.

Secondary Science Challenge. Science challenge for Key Stage 3 leading to a Discovery CREST Award.

Available in Spring and Summer terms. To book contact enquiries@see-science.co.uk see-science.co.uk

Royal Society of Chemistry

Spectroscopy in a Suitcase (SIAS). Hands-on workshops for your A-Level students run by academics and postgraduates. Dates and times to suit you! Book now. www.rsc.org/sias

Learn Chemistry Partnership (LCP). Connecting you and your school with the world's leading chemistry community – for FREE! Sign up for newsletter: de-jong@bangor.ac.uk. Sign up today! rsc.li/lc-partnership

Royal Society of Biology

Scibermonkey Website collects all the best science websites

for ages 5–16. scibermonkey.org

Variety of practical biology activities and resources. nuffieldfoundation.org

Biology changing the world. biologyheritage.rsb.org.uk Gopher Science Labs. Activities and resources. rsb.org.uk

Careers resources.www.rsb.org.uk

Free activity resources for the classroom. www.rsb.org.uk

activities **Natural Resources Wales**

Numeracy and Outdoor Science - Water.

Pembrokeshire – 9 March, Carmarthenshire – 16 March, Wrexham – 16 March ESDGC Outdoors. Merthyr Tydfil - 9 February, Monmouthshire - 15 March All the above are suitable for teachers Key Stage 2 and 3.

Numeracy and Outdoor Science - Coastal. 23 March - English language -Porth Eirias, Colwyn Bay. 14 April – Welsh language – Porth Eirias, Colwyn Bay. Suitable for teachers Key Stage 2. To book contact

Education@naturalresourceswales.gov.uk

National STEM Learning Centre

A free online course led by Dylan Wiliam and Christine Harrison, to help STEM teachers get to grips with Assessment for Learning. Join NOW, starts 22 February. futurelearn.com

Royal Society of Biology

Gopher Science Labs training days. Dates to be announced. rsb.org.uk Chartered Science Teacher Status. A register which recognises excellent science teachers. rsb.org.uk

Centre for Alternative Technology Funding available for CPD, encourage your pupils to explore the possibilities of zero carbon emissions. Contact education@cat.org.uk or go to http://learning.cat.org.uk/ **Techniquest Glyndwr**

National Astronaut Programme. Hands-on workshops linked to the National Curriculum for Key Stages 1 to 3 delivered at Techniquest Glyndwr or at your school. Available in January 2016 and the spring and summer terms. For more information phone 01978 293400.

teacher

Royal Society of Biology

British Biology Olympiad. Competition aimed at 16–19 year olds will take place online in schools from 20-28 January.

Biology Challenge. Competition aimed at 13-15 year olds and will take place online in schools between 7-22 March. For more information ukbiologycompetitions.org

URDD W Science competition aimed at Welsh Medium Schools, winners will exhibit work at the Eisteddfod. Aimed at Year 7-9 and Year 10-Under 19. www.urdd.cymru/cy/

