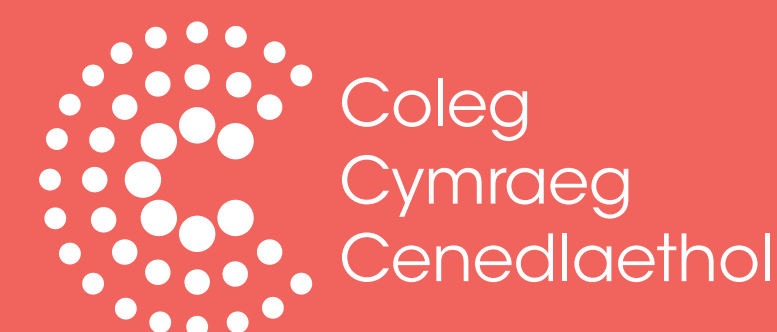


PENTREF GWYDDONIAETH A THECHNOLEG / SCIENCE AND TECHNOLOGY VILLAGE

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DRWY'R WYTHNOS / ALL WEEK

Prifysgol Bangor – Dewch i ddarganfod gweithgareddau gwyddonol i'r teulu oll, a chyfle i glywed mwy amdanom! /

Bangor University – Come and join us to discover scientific activities for all of the family, and to hear more about our work!

Prifysgol Caerdydd – Gweithgareddau teuluol cyffrous a dysgwch am greu meddyginiaethau gan ddefnyddio gwrthgyrff defaid, polymerau a gwenyn mêl /

Cardiff University – Exciting hands-on family activities and learn more about creating medicines using sheep antibodies, polymers and honeybees

Prifysgol Aberystwyth – Blas ar ymchwil arloesol gwyddonol, cwrdd â'n llysgenhadon a gweithgareddau lu /

Aberystwyth University – A taste of innovative science research, meet our ambassadors and plenty of activities

Ymddiriedolaeth Natur Gogledd Cymru / North Wales Wildlife Trust

FSC Cymru / Wales

Y Gymdeithas Frenhinol Cemeg a Techniquet / Royal Society of Chemistry & Techniquet

IOP Cymru / Wales –

Arbrofion ffiseg i'r teulu cyfan / Family friendly physics based experiments

Sŵ Mynydd Bae Colwyn –

Cyfle i gyfarfod rhai o'r anifeiliaid o'r Sŵ leol yn ein hardal arddangos arbennig /

Welsh Mountain Zoo –

A selection of live animals from this local zoo with handling sessions provided in the Show Dome

Parc Cenedlaethol Eryri –

Dewch i ddarganfod mwy am Warchodfa Awyr Dywyll Rhyngwladol ardal Eryri yn ystod ein sesiynau rheolaidd gyda Techniquet Glyndŵr drwy'r wythnos / **Snowdonia National Park** – Designated as an International Dark Sky Reserve, come and find out more during live Planetarium sessions with Techniquet Glyndŵr which will run daily throughout the week

Grŵp Llandrillo Menai / Llandrillo Menai Group

Grŵp Peirianeg a Gwyddoniaeth Gogledd Cymru – Gweithgareddau rhyngweithiol peirianeg, gan gynnwys adeiladu pont grog / **Engineering & Science Group North Wales** – Interactive engineering activities, including building a suspension bridge

LEGO® – Dewch draw i greu eich model unigryw / Create your own unique model

DVLA – Dewch i roi cynnig ar raglennu gêm rasio neu ddeifio gan ddefnyddio SCRATCH / Build a racing or diving game using SCRATCH

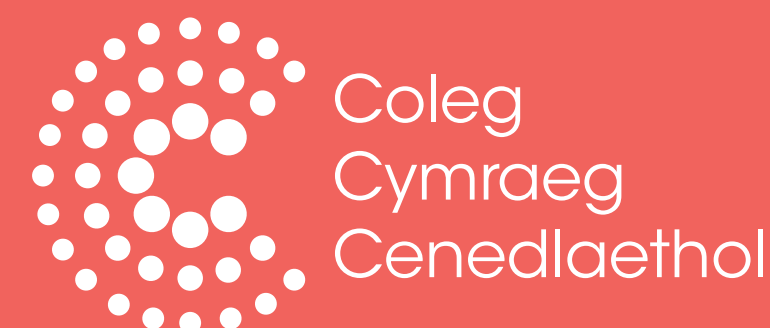
Ymchwil Canser Cymru – Dewch i ddysgu mwy am yr ymchwil arloesol sy'n digwydd yma yng Nghymru / **Cancer Research Wales** – Join us in order to hear about the innovative research taking place in Wales

Technocamps – Ysbrydoli, ysgogi a hyrwyddo Gwyddorau Cyfrifiadurol fel rhan annatod o gymdeithas fodern / Inspire, motivate and engage people with computational thinking and promote Computer Science as underpinning all aspects of modern society

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DYDD SADWRN 3 AWST / SATURDAY 3 AUGUST

- 10:30 Experimentrics – Gwyddoniaeth drwy theatr gorfforol / *Science through physical theatre*
- 11:00 Sesiwn Planetariwm / *Planetarium Session*
- 12:00 Sesiwn Planetariwm / *Planetarium Session*
- 12:15 Experimentrics
- 13:00 Sesiwn Planetariwm / *Planetarium Session*
- 13:15 Experimentrics
- 14:00 Sesiwn Planetariwm / *Planetarium Session*
- 15:00 Experimentrics
- 15:00 Sesiwn Planetariwm / *Planetarium Session*

DYDD SUL 4 AWST / SUNDAY 4 AUGUST

- 10:30 Experimentrics
- 11:00 Sesiwn Planetariwm / *Planetarium Session*
- 12:00 Sesiwn Planetariwm / *Planetarium Session*
- 12:15 Experimentrics
- 13:00 Sesiwn Planetariwm / *Planetarium Session*
- 13:15 Experimentrics
- 14:00 Sesiwn Planetariwm / *Planetarium Session*
- 15:00 Experimentrics
- 15:00 Sesiwn Planetariwm / *Planetarium Session*

DYDD LLUN 5 AWST / MONDAY 5 AUGUST

- 10:15 Her Awr Fawr / *Practical science competition for secondary age pupils (144)*
- 10:15 Her Hanner Awr Fawr / *Practical science competition for primary age pupils (145)*
- 10:30 Experimentrics
- 11:00 Sesiwn Planetariwm / *Planetarium Session*
- 11:15 Sioe Wyddoniaeth Wych / *Superb Science Show*
- 12:00 Sesiwn Planetariwm / *Planetarium Session*
- 12:15 Experimentrics
- 13:00 Sesiwn Planetariwm / *Planetarium Session*
- 13:15 Experimentrics
- 14:00 Sesiwn Planetariwm / *Planetarium Session*
- 14:15 Sioe Wyddoniaeth Wych / *Superb Science Show*
- 14:30 Cig coch – yn fwy gwyrdd nag yr ydych chi'n feddwl? / *Red meat – greener than you think? – Prysor Williams (Cymdeithasau 2 / Societies 2)*
- 15:00 Experimentrics
- 15:00 Sesiwn Planetariwm / *Planetarium Session*

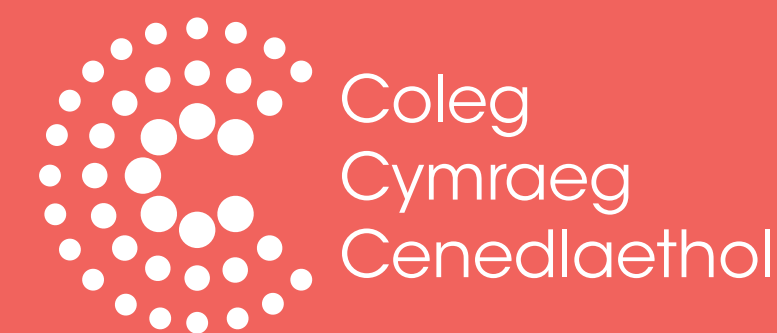
DYDD MAWRTH 6 AWST / TUESDAY 6 AUGUST

- 10:15 Her Awr Fawr / *Practical science competition for secondary age pupils (144)*
- 10:15 Her Hanner Awr Fawr / *Practical science competition for primary age pupils (145)*
- 10:30 Experimentrics
- 11:00 Sesiwn Planetariwm / *Planetarium Session*
- 11:15 Sioe Wyddoniaeth Wych / *Superb Science Show*
- 12:00 Sesiwn Planetariwm / *Planetarium Session*
- 12:15 Experimentrics
- 13:00 Sesiwn Planetariwm / *Planetarium Session*
- 13:15 Experimentrics
- 14:00 Sesiwn Planetariwm / *Planetarium Session*
- 14:15 Sioe Wyddoniaeth Wych / *Superb Science Show*
- 14:30 Beth yw'r datblygiad gwyddonol pwysicaf yn y ganrif ddiwethaf? / *What is the most important scientific development of the last century? – Dr Awen Iorwerth, Dr Daniel Roberts, Carwyn Edwards & Yr Athro / Professor Sharon Huws, gyda / with Yr Athro / Professor Deri Tomos (Cymdeithasau 2 / Societies 2)*
- 15:00 Experimentrics
- 15:00 Sesiwn Planetariwm / *Planetarium Session*

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DYDD MERCHER 7 AWST / WEDNESDAY 7 AUGUST

- 10:15 Her Awr Fawr / *Practical science competition for secondary age pupils (144)*
- 10:15 Her Hanner Awr Fawr / *Practical science competition for primary age pupils (145)*
- 10:30 Experimentrics
- 11:00 Sesiwn Planetariwm / *Planetarium Session*
- 11:15 Sioe Wyddoniaeth Wych / *Superb Science Show*
- 12:00 Sesiwn Planetariwm / *Planetarium Session*
- 12:15 Experimentrics
- 13:00 Sesiwn Planetariwm / *Planetarium Session*
- 13:15 Experimentrics
- 14:00 Sesiwn Planetariwm / *Planetarium Session*
- 14:15 Sioe Wyddoniaeth Wych / *Superb Science Show*
- 14:30 Ar Ymyl y Gofod / *At the Edge of Space – Yr Athro / Professor Eleri Pryse (Cymdeithasau 2 / Societies 2)*
- 15:00 Sesiwn Planetariwm / *Planetarium Session*
- 15:00 Experimentrics
- 15:30 Sŵ Mynydd Bae Colwyn – Cyfle i gyfarfod rhai o'r anifeiliaid o'r Sŵ leol yn ein hardal arddangos arbennig / *Welsh Mountain Zoo – A selection of live animals from this local zoo with handling sessions provided in the Show Dome*
- 16:00 Sŵ Mynydd Bae Colwyn / *Welsh Mountain Zoo*
- 17:30 Marwolaeth Morfydd Llwyn Owen: Penderfynu pwy neu beth oedd yn gyfrifol / *The Death of Morfydd Llwyn Owen – Who or what was to blame – Wynford Bellin, Cymdeithas Seicolegol Prydain / British Psychological Society (Cymdeithasau 2 / Societies 2)*

DYDD IAU 8 AWST / THURSDAY 8 AUGUST

- 10:15 Her Awr Fawr / *Practical science competition for secondary age pupils (144)*
- 10:15 Her Hanner Awr Fawr / *Practical science competition for primary age pupils (145)*
- 11:00 Sesiwn Planetariwm / *Planetarium Session*
- 11:15 Sioe Wyddoniaeth Wych / *Superb Science Show*
- 12:00 Sesiwn Planetariwm / *Planetarium Session*
- 13:00 Sesiwn Planetariwm / *Planetarium Session*
- 14:00 Sesiwn Planetariwm / *Planetarium Session*
- 14:15 Sioe Wyddoniaeth Wych / *Superb Science Show*
- 14:30 Siwrne faith i ganol y gell: o gynffon penbwl i galon canser / *A long journey to the centre of the cell: from a tadpole's tail to the heart of cancer – Arwyn Tomos Jones (Cymdeithasau 2 / Societies 2)*
- 15:00 Sesiwn Planetariwm / *Planetarium Session*
- 15:00 Sŵ Mynydd Bae Colwyn / *Welsh Mountain Zoo*
- 15:30 Sŵ Mynydd Bae Colwyn / *Welsh Mountain Zoo*
- 16:00 Gwyddonwyr Cymru – ddoe a heddiw / *The Scientists of Wales through the ages*

DYDD GWENER 9 AWST / FRIDAY 9 AUGUST

- 10:15 Her Awr Fawr / *Practical science competition for secondary age pupils (144)*
- 10:15 Her Hanner Awr Fawr / *Practical science competition for age pupils (145)*
- 11:00 Sesiwn Planetariwm / *Planetarium Session*
- 11:15 Sioe Wyddoniaeth Wych / *Superb Science Show*
- 12:00 Sesiwn Planetariwm / *Planetarium Session*
- 13:00 Sesiwn Planetariwm / *Planetarium Session*
- 14:00 Sesiwn Planetariwm / *Planetarium Session*
- 14:15 Sioe Wyddoniaeth Wych / *Superb Science Show*
- 14:30 Hinsawdd Hanesyddol / *Historical Climate – John Davies, Cymdeithas Edward Llwyd / Edward Llwyd Society (Cymdeithasau 2 / Societies 2)*
- 15:00 Sesiwn Planetariwm / *Planetarium Session*
- 15:30 Sŵ Mynydd Bae Colwyn / *Welsh Mountain Zoo*
- 16:00 Sŵ Mynydd Bae Colwyn / *Welsh Mountain Zoo*

DYDD SADWRN 10 AWST / SATURDAY 10 AUGUST

- 11:00 Sesiwn Planetariwm / *Planetarium Session*
- 11:30 John Lloyd Williams, Cawr Byd y Blodau, o Lanrwst / *John Lloyd Williams, a Giant in the Flower World, from Lanrwst – Goronwy Wynne (Cymdeithasau 2 / Societies 2)*
- 12:00 Sesiwn Planetariwm / *Planetarium Session*
- 13:00 Sesiwn Planetariwm / *Planetarium Session*
- 14:00 Sesiwn Planetariwm / *Planetarium Session*
- 15:00 Sesiwn Planetariwm / *Planetarium Session*