



Cefnogi Cymhwysedd Digidol
Supporting Digital Competence

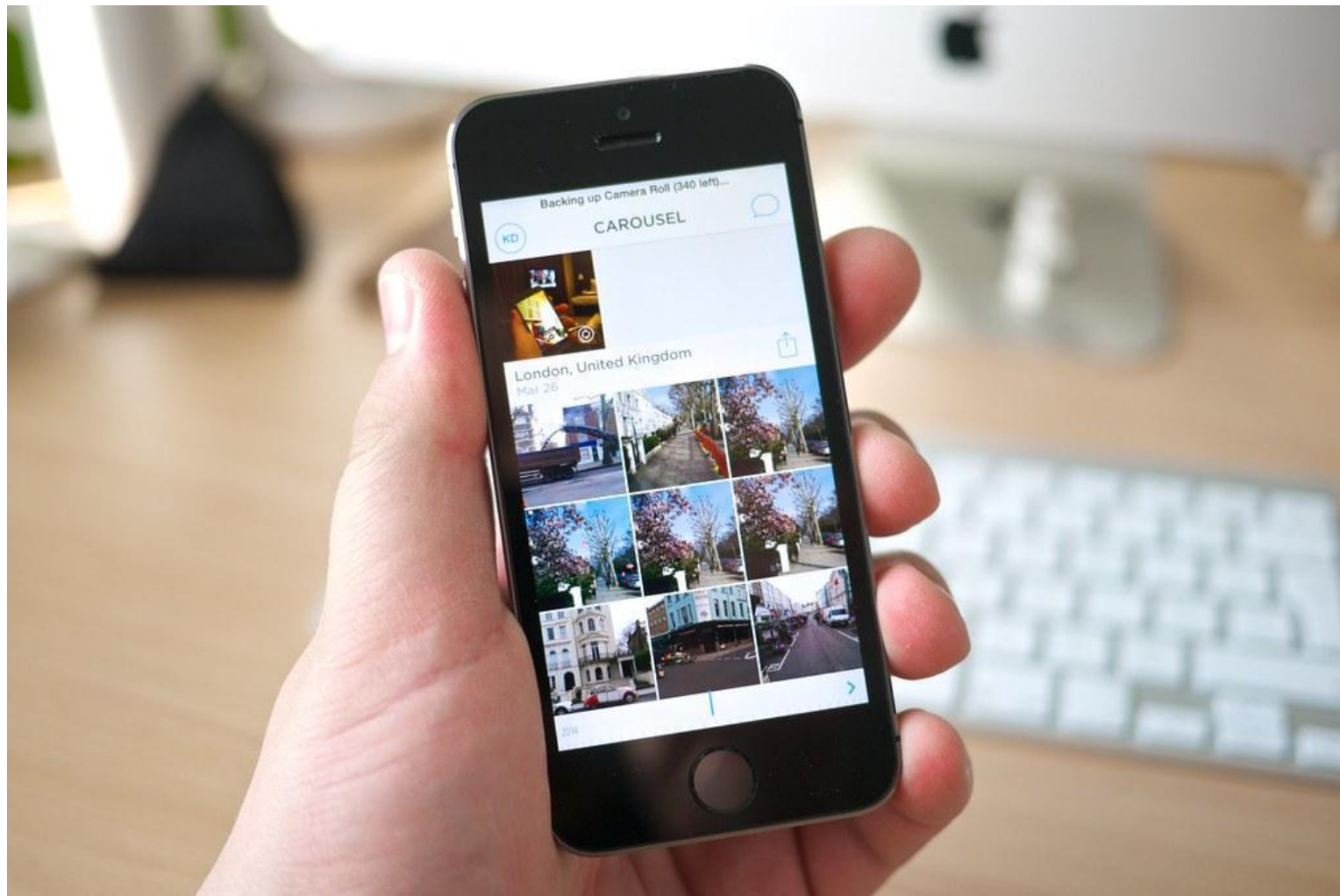
Dysgu Digidol Digital Learning

ANG - NQT
Mawrth/March 2025









Heddiw...

- Meddylfryd.
- Diogelwch ar lein.
- Fframwaith Cymhwysedd Digidol.
- Cyfleoedd i rwydweithio a rhannu syniadau.
- Gweithdai ymarferol.

Today

- Mindset.
- Online safety.
- Digital Competence Framework.
- Opportunity to network and share ideas.
- Practical

**MICHAEL
McINTYRE**

**YOU SHOULD
PROBABLY
CHANGE
YOUR PASSWORD!**



NETFLIX

The computer control password for US nuclear missiles was 00000000 for 8 years before changing it.

The computer control password for US nuclear missiles was
00000000 for 8 years before changing it.

Is this true?

This statement is not entirely accurate. The password "00000000" for US nuclear missiles was actually in use for a longer period, approximately 15-20 years, not just 8 years.

From 1962 to 1977, the Strategic Air Command (SAC) set the Permissive Action Link (PAL) codes for Minuteman intercontinental ballistic missiles (ICBMs) to eight zeros. This simple code was chosen deliberately, not due to an oversight, but to prioritize quick response times in case of a real nuclear threat.

The rationale behind this decision was that in a high-pressure scenario, a complicated security protocol might hinder the timely launch of nuclear weapons. However, this choice has been criticized in hindsight as it potentially left the world's most dangerous weapons vulnerable to unauthorized access.

Anghyfrifol
Irresponsible

A woman with glasses and a blue jacket is smiling and looking at a white drone on a table. Two young girls are also working on drones. One girl, wearing a blue shirt and safety goggles, is holding a black drone. The other girl, wearing a pink shirt and safety goggles, is holding a white drone. They are in a classroom or workshop setting with shelves of orange and blue storage bins in the background. The World Economic Forum logo is in the top right corner.

WORLD
ECONOMIC
FORUM

Are we teaching
our children useless knowledge?



2023-2027 World Economic Forum

69 miliwn o swyddi newydd am gael ei creu

83 miliwn o swyddi mewn perygl o newid

$\frac{1}{4}$ o swyddi am gael eu heffeithio

2023-2027 World Economic Forum

69 million new jobs to be created

83 million jobs at risk of change

$\frac{1}{4}$ jobs to be affected

Top 10 skills of 2025

Type of skill

- Problem-solving
- Self-management
- Working with people
- Technology use and development



Analytical thinking and innovation



Active learning and learning strategies



Complex problem-solving



Critical thinking and analysis



Creativity, originality and initiative



Leadership and social influence



Technology use, monitoring and control



Technology design and programming



Resilience, stress tolerance and flexibility



Reasoning, problem-solving and ideation

Businesses' top 10 skill priorities for 2027

- | | |
|--|--|
| 1.  Analytical thinking | 6.  Curiosity and lifelong learning |
| 2.  Creative thinking | 7.  Technological literacy |
| 3.  AI and big data | 8.  Design and user experience |
| 4.  Leadership and social influence | 9.  Motivation and self-awareness |
| 5.  Resilience, flexibility and agility | 10.  Empathy and active listening |

Type of skill

 Cognitive skills  Self-efficacy  Technology skills  Working with others

Source

World Economic Forum, Future of Jobs Report 2023.

Note

The skills which organizations will prioritize in workforce development initiatives from 2023 to 2027



Human-machine frontier

Proportion of tasks completed by humans vs machines

2022



2027

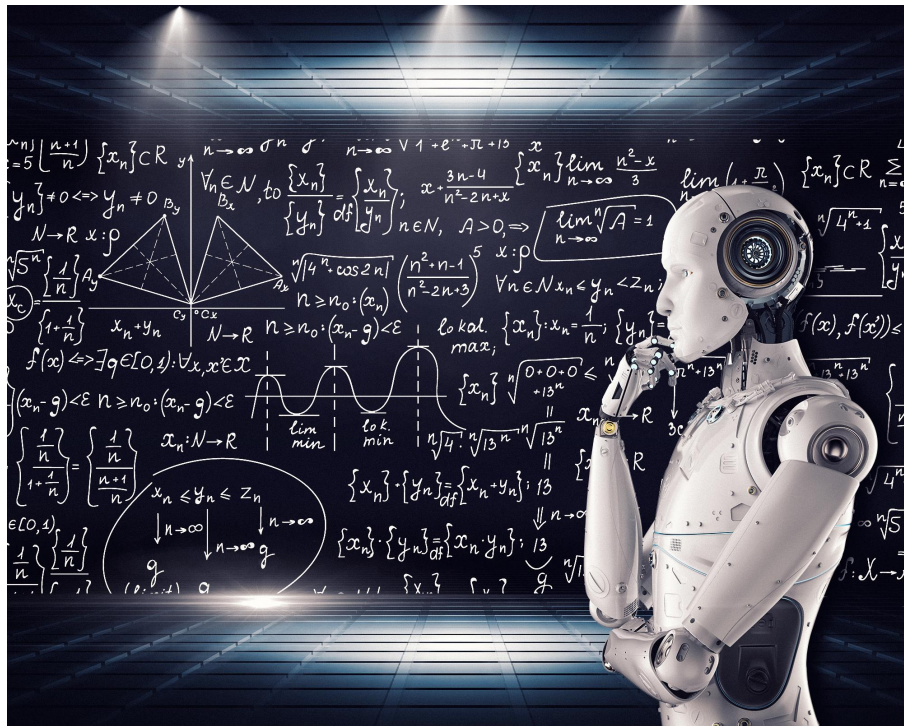


Machine Human

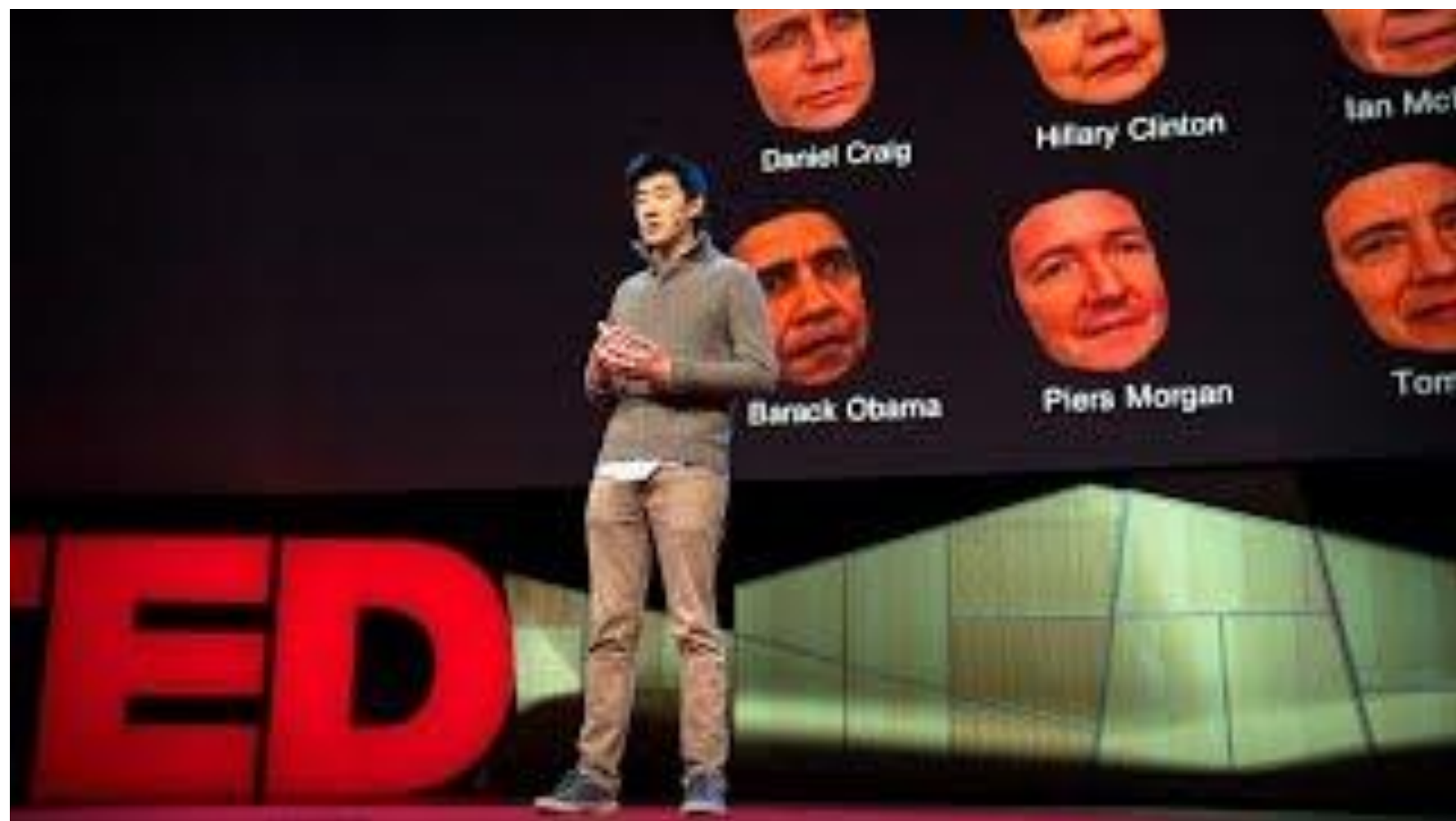


Source: World Economic Forum,
Future of Jobs Report 2023.

?



Podlediad Podcast



Daniel Craig

Hillary Clinton

Ian McKellen

Barack Obama

Piers Morgan

Tom Hanks

chatGPT.com

gemini.google.com

perplexity.ai

teachmate.ai







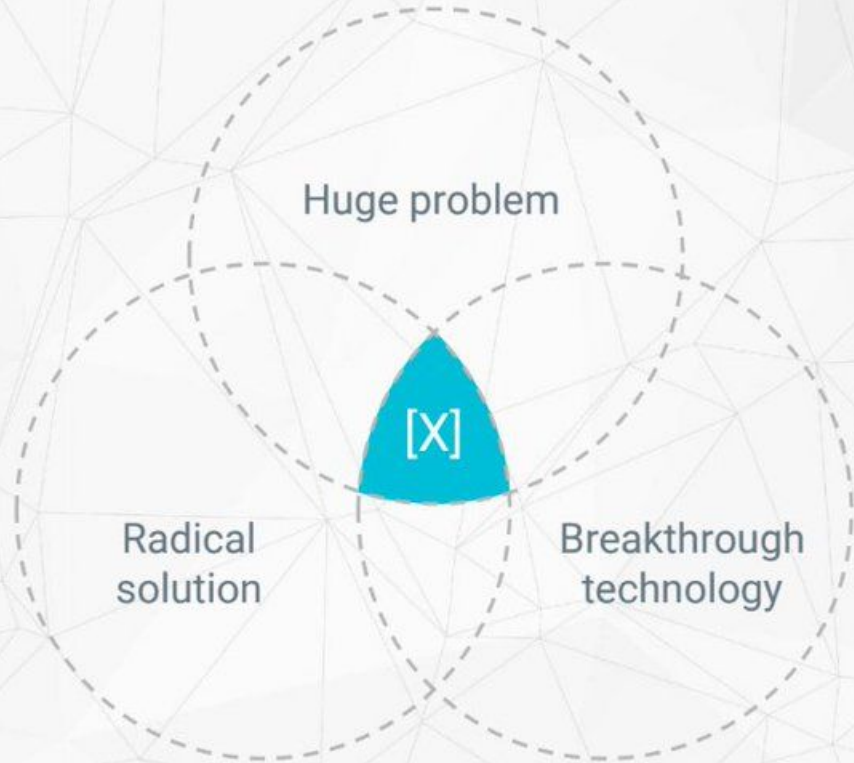








Moonshot Thinking





"Can I go to the moon?" asked Baby Bear.
"No, you can't," said Mrs Bear. "It's bathtime."

But once Baby Bear has found himself
a rocket, there's no stopping him!



"A lovely book for adult and child to enjoy"
Nursery World

"Enchanting story . . . stunning pictures . . . ideal bedtime reading"
Practical Parenting

"A perfect picture story book"
Woman & Home

ISBN 978-1-5098-6258-0



MACMILLAN

UK £6.99





Tasg grŵp



Addysg

Amaeth

Bwyd

Adeiladu

Iechyd

Twristiaeth

Group Task



Food

Agriculture

Education

Building

Tourism

Health

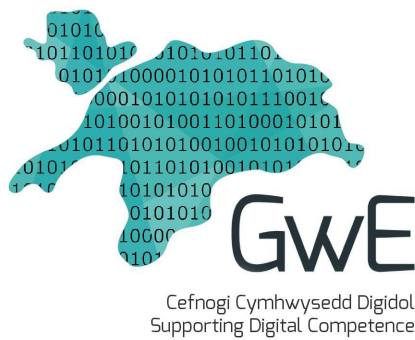


The Future of Work



Datrys Problem Problem Solving





Diogelwch Digidol

Digital Safety

ANG - NQT
2025

Internet 'may be just a passing fad as millions give up on it'

THE Internet may be only a passing fad for many users, according to a report.

Researchers found that millions were turning their back on the world wide web, frustrated by its limitations and unwilling to pay high access charges.

They say that e-mail, far from replacing other forms of communication, is adding to an overload of information.

Experts from the Virtual Society project, which published the report, say predictions that the Internet would revolutionise the way society works have proved wildly inaccurate.

Many teenagers are using the Internet less now than previously, they conclude, and the future of online shopping is limited. Steve

By **James Chapman**
Science Correspondent

Woodgar, director of the society, said: "We are often presented with a picture of burgeoning Internet use, but there is evidence already of drop-off and saturation among users."

"Teenagers' use of the Internet has declined. They were energised by what you can do on the Net but they have been through all that and then realised there is more to life in the real world and gone back to it."

The project, sponsored by the Economic and Social Research Council, gathered together research by 25 universities across Europe and the U.S.

It estimated that in Britain alone there could be more than two million people who regularly used the Internet but had now given up.

Analysts say some simply became bored, while others were frus-

Net loss: Two million Britons have logged off the Internet



**NOW THERE'S ANOTHER
INTELLIGENT FUTURE
COULD MAKE YOU E**

EXCLUSIVE!



Beth sy'n ein gwneud ni'n boblogaidd?

What makes us popular?

Digital Friendships: the role of technology in young people's relationships

On average how many **likes, followers and days in a streak** 8-17 year olds said they needed



52 likes and

214 followers

on Instagram to feel happy



73 days in a streak

to show that you are a good friend





Um, there.



<https://tinyurl.com/diogelwch2025>



<https://tinyurl.com/digitalsafety2025>

97%

Canran o blant rhwng 3 ac 17 oed a aeth 'ar-lein' yn ystod 2022.

97%

Percentage of children aged between 3 and 17 who went 'online' during 2022.

22 miliwn

Nifer yr adroddiadau o ecsbloetio rhywiol tuag at blant yn 2020.



Department for
Digital, Culture
Media & Sport

22 million

The number of reports of sexual exploitation of children in 2020.



Department for
Digital, Culture
Media & Sport

3,500

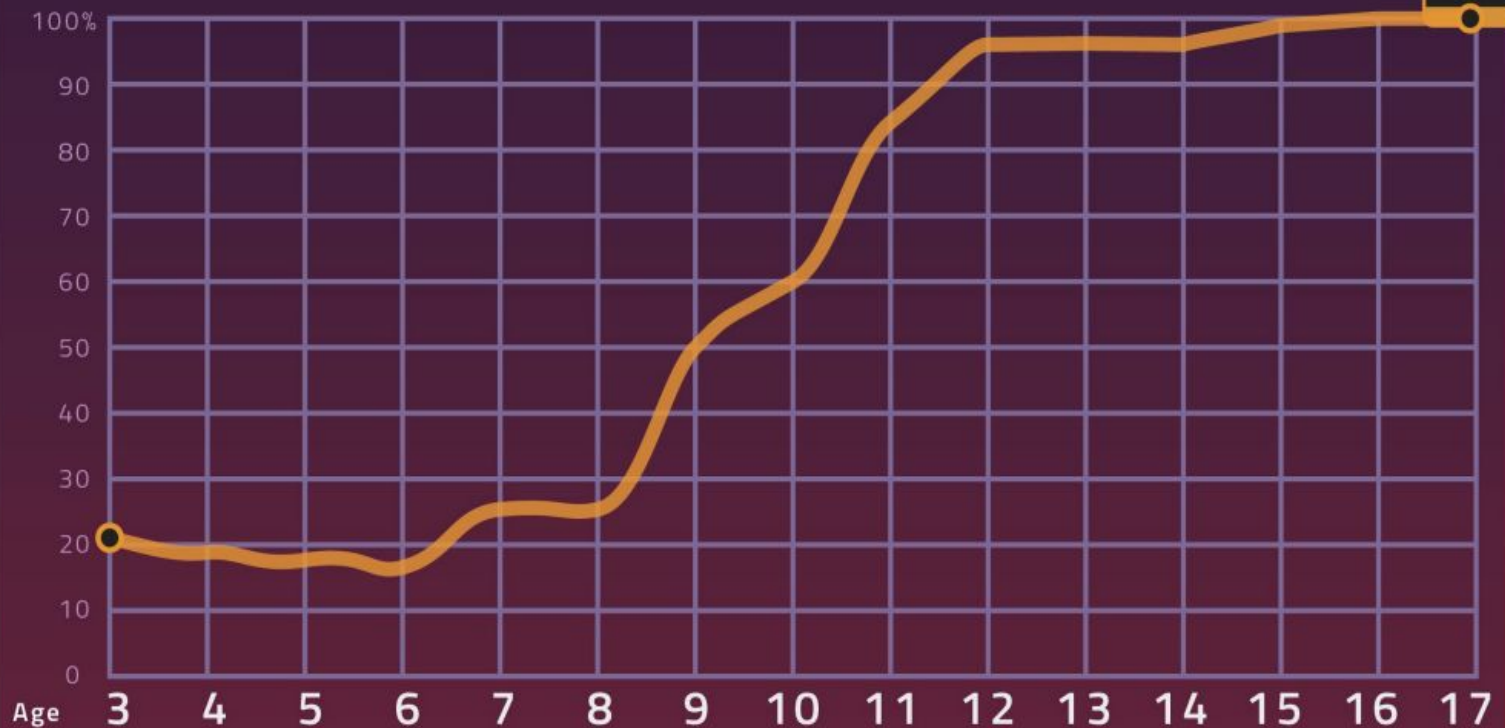
Nifer o droseddau rhywiol ar lein yn erbyn plant pob mis.

- 42,503 yn y flwyddyn yn arwain at Mawrth 2022.
- 3,706 yn ystod y flwyddyn yn arwain at Mawrth 2012.

3,500

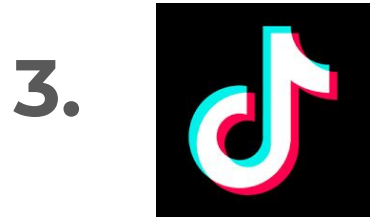
- Number of online sexual offenses against children each month.
- 42,503 in the year leading up to March 2022.
- 3,706 during the year leading up to March 2012.

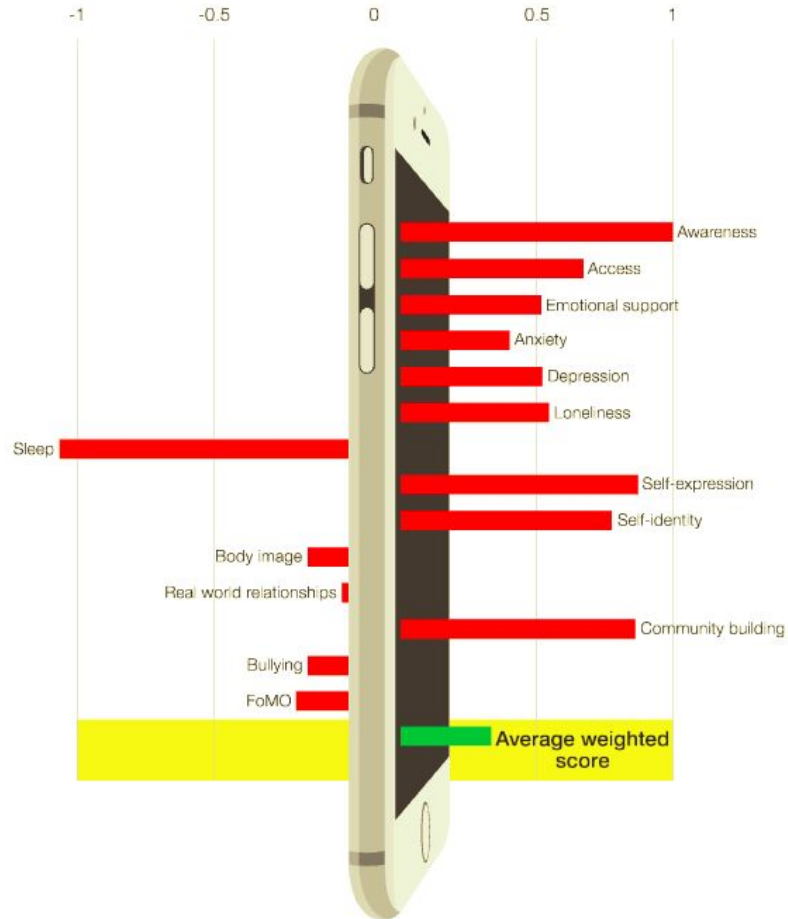
Mobile phone ownership by age

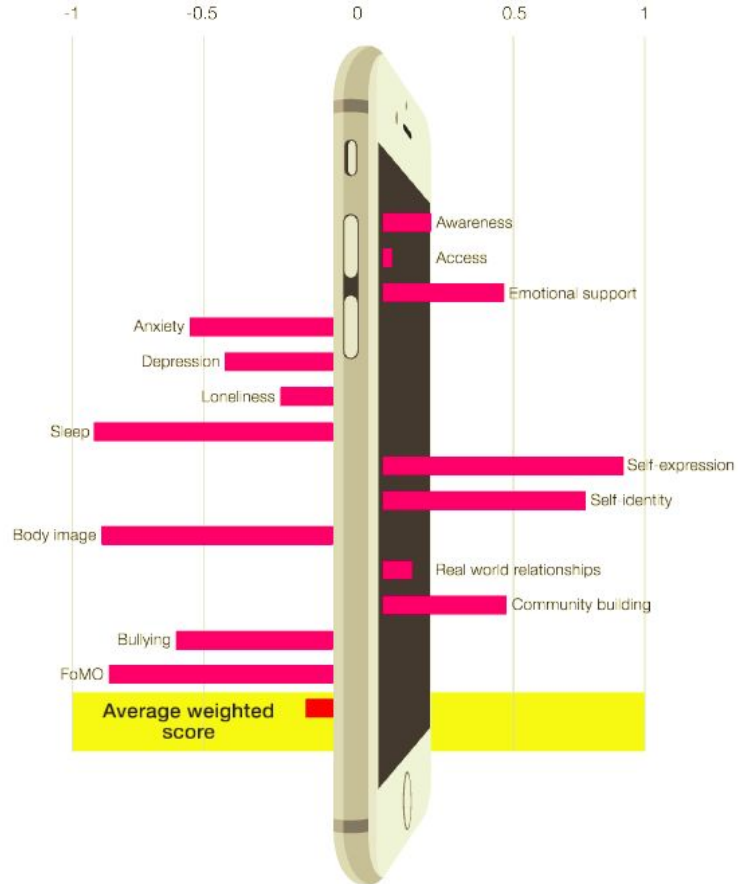




1.  YouTube







#StatusOfMind

Social media and young people's mental health and wellbeing





Children and Parents: Media Use and Attitudes

Published 29 March 2023

Welsh version available

Hwb[®]



Cwricwlwm i Gymru



Cwricwlwm 2008



Dysgu proffesiynol



Gwerthuso, gwella
ac atebolrwydd



Adnoddau



Newyddion



Digwyddiadau



Cadw'n ddiogel ar-
lein



Canolfan cymorth



Dysgu cyfunol

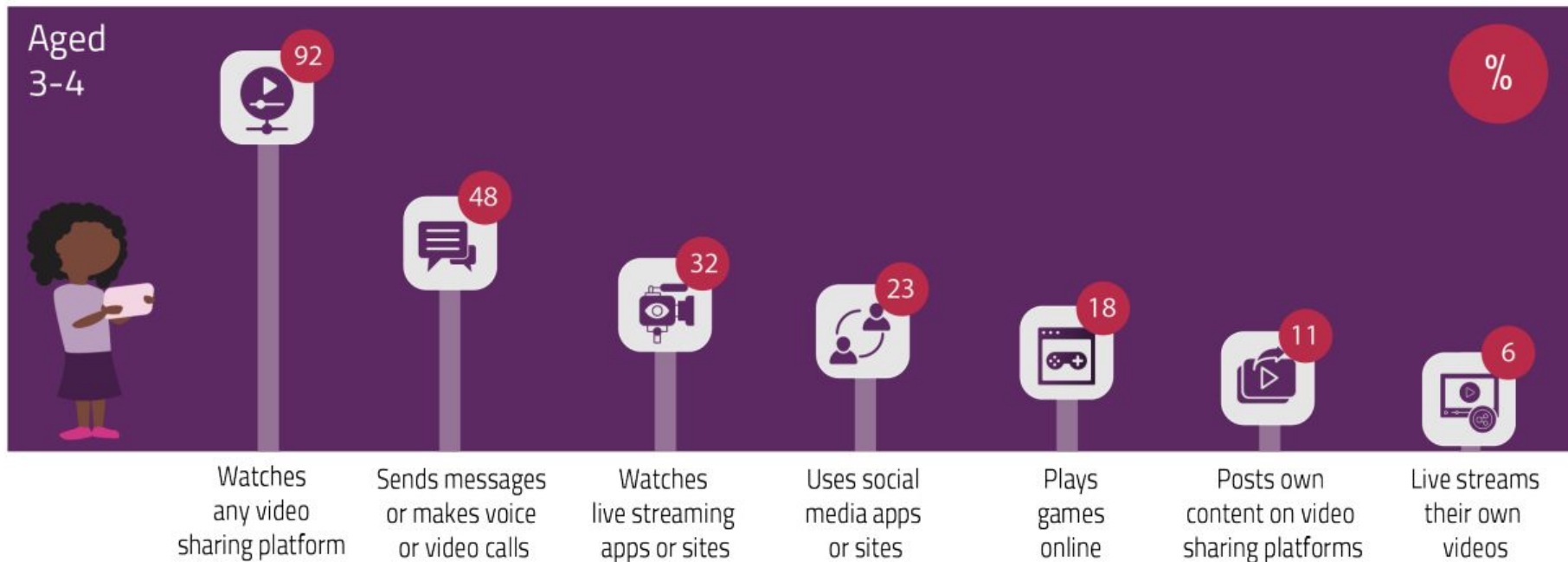


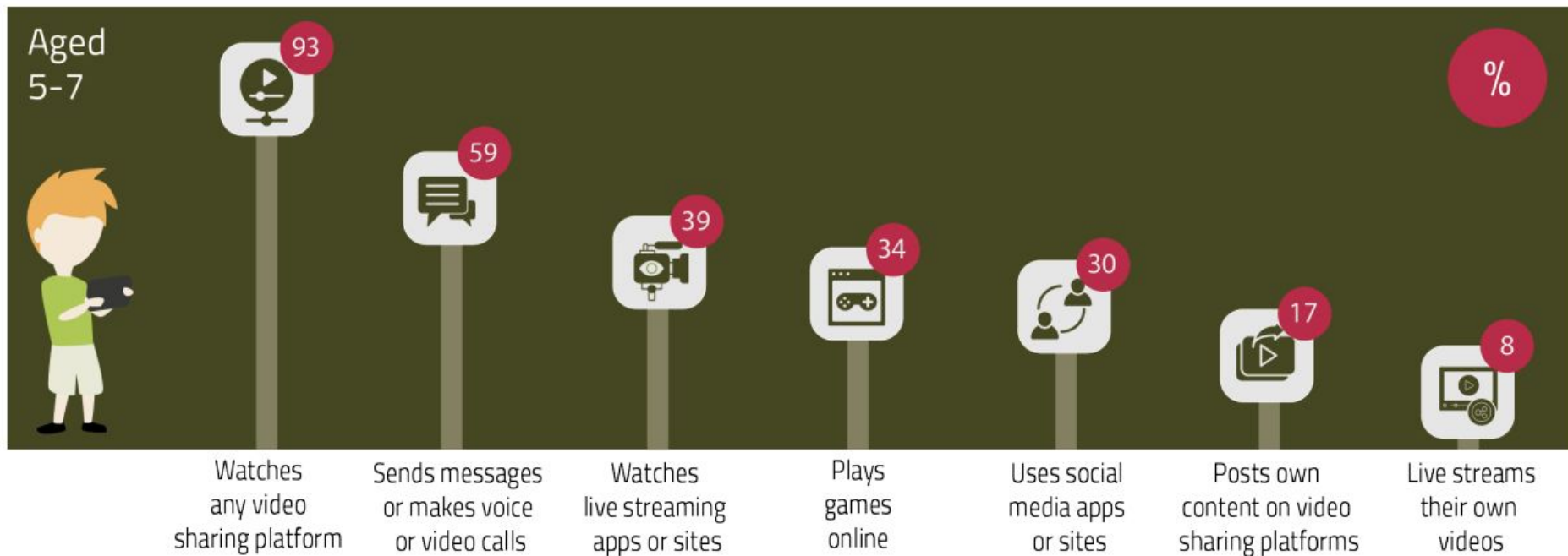
Minecraft Education

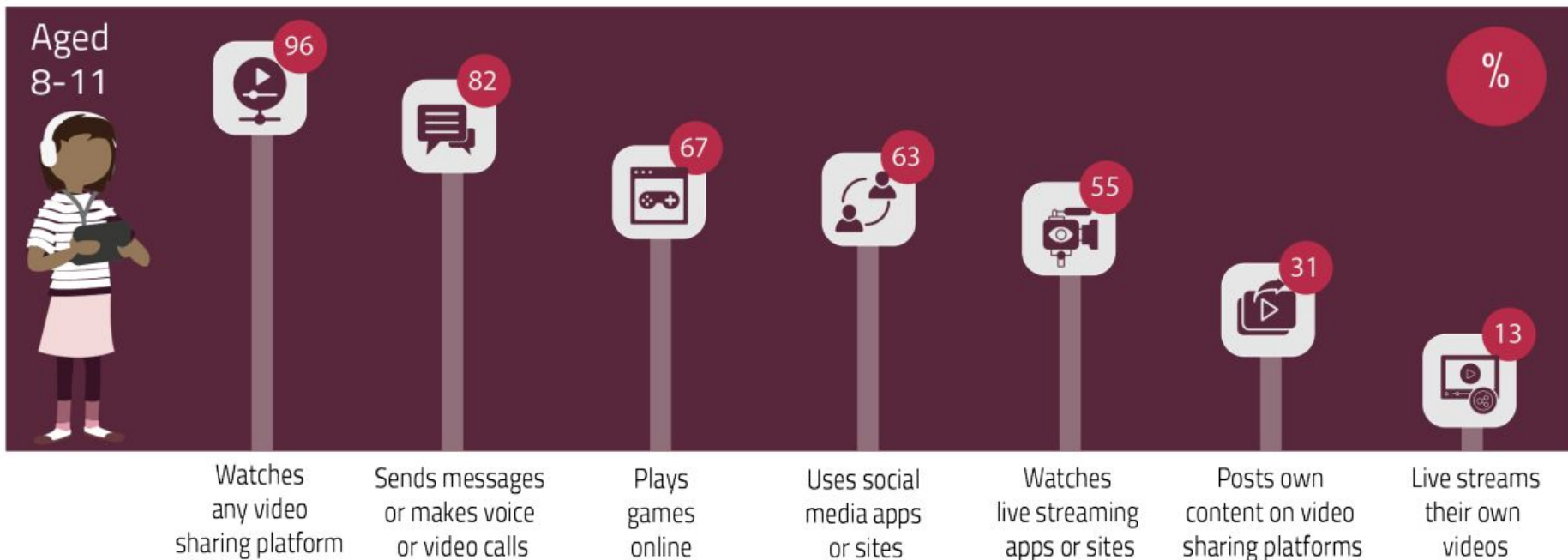


Siarter Iaith









Aged
12-15



Watches
any video
sharing platform



Sends messages
or makes voice
or video calls



Uses social
media apps
or sites



Watches
live streaming
apps or sites



Plays
games
online

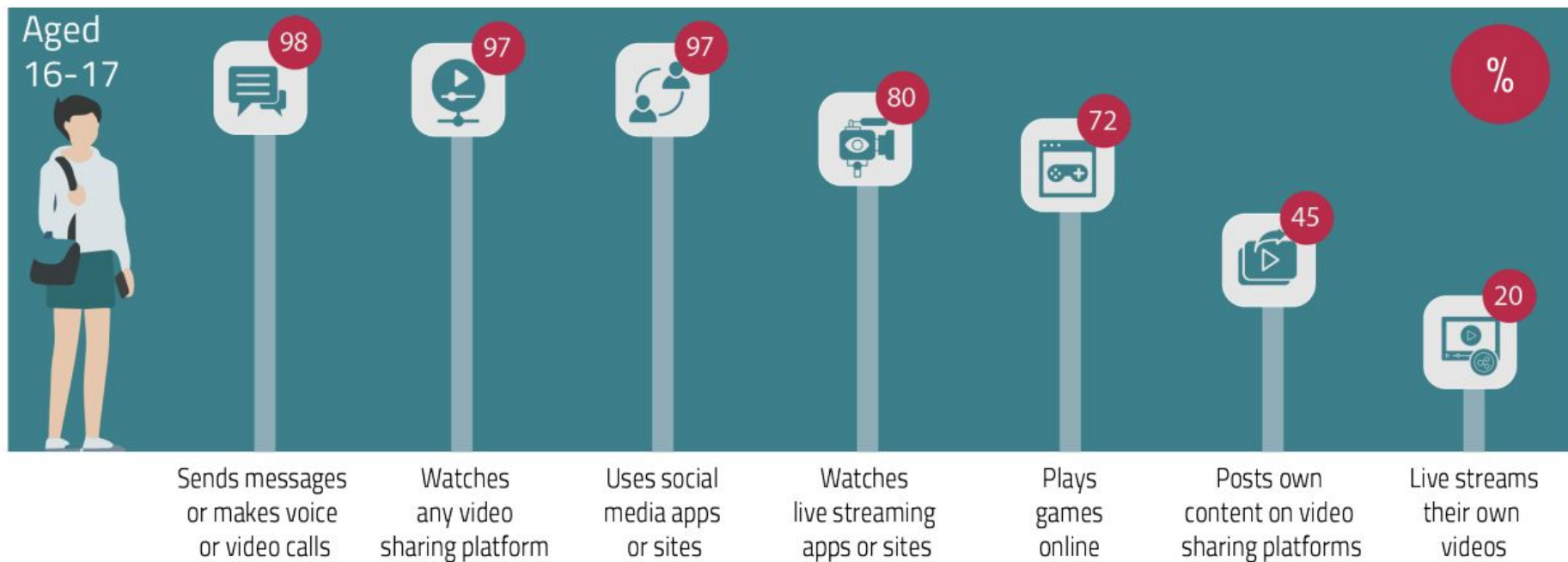


Posts own
content on video
sharing platforms



Live streams
their own
videos





Riportio Cynnwys Niweidiol

Canolfan adrodd genedlaethol i unrhyw un dros 13 oed riportio cynnwys niweidiol ar-lein.

Yn canolbwyntio ar wyth math o niwed ar-lein, gan gynnwys bwlio, bygythiadau, a datblygiadau rhywiol digroeso.

Yn darparu cyngor ar adrodd am gynnwys niweidiol i lwyfannau a gall uwchgyfeirio adroddiadau os oes angen.

Yn cynnig cymorth ac yn cyfathrebu â dioddefwyr

Os ydych chi neu'r person rydych chi'n ei helpu mewn perygl, cysylltwch â'r heddlu drwy ffonio 999

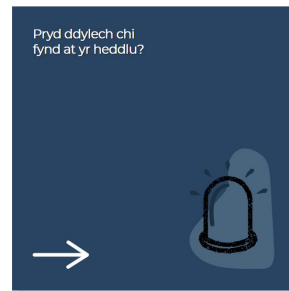
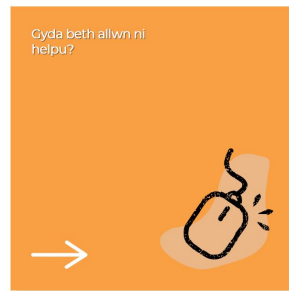
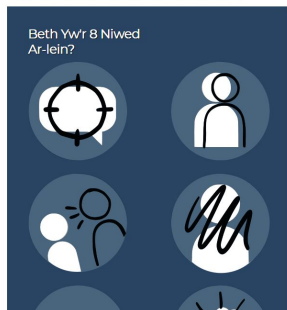


Riportio Cyngor Cymraeg

Helpu pawb i riportio cynnwys niweidiol ar-lein

Er bod cynnwys Cymraeg a Saesneg ar gael ar y safle hwn, dim ond yn Saesneg gallwn ni gynnig cymorth a chyfathrebu â chi. Mae'r dolenni ar y safle yma yn cyfeirio at ffynonellau gwybodaeth perthnasol sydd ar gael yn Saesneg yn bennaf. Pan fo'n berthnasol, mae rhywfaint o'r cynnwys o'r safleoedd hyn wedi cael ei gyfieithu i'r Gymraeg i gefnogi'r gwasanaeth sy'n cael ei gynnig gan y wefan Riportio Cynnwys Niweidiol. Mae'r safle hwn yn cael ei weithredu gan SWGFL ar ran Canolfan Rhyngwyd Mwy Diogel y DU. Mae'r cynnwys wedi cael ei gyfieithu gyda chefnogaeth gan Lywodraeth Cymru.

[Ydych chi'n berson ifanc o dan 18 oed?](#)



Report Harmful Content

- A national reporting center for anyone over 13 to report harmful content online
- Focuses on eight types of online harm, including bullying, threats, and unwanted sexual advances
- Provides advice on reporting harmful content to platforms and can escalate reports if necessary
- Offers mediatory support and communicates with victims

Os ydych chi neu'r person rydych chi'n ei helpu mewn perygl, cysylltwch â'r heddlu drwy ffonio 999



**RIPORTIO
CYNWYS
NIWEIDIOL**

Riportio Cyngor Cymraeg

Helpu pawb i riportio cynnwys niweidiol ar-lein

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[Ydych chi'n berson ifanc o dan 18 oed?](#)

Beth Yw'r 8 Niwed Ar-lein?






Gyda beth allwn ni helpu?



Pryd ddylech chi fynd at yr heddlu?



Childline

- Llinell gymorth yn benodol ar gyfer plant a phobl ifanc o dan 19 oed yn y DU
- Yn darparu cefnogaeth ar gyfer ystod eang o faterion, heb fod yn gyfyngedig i bryderon ar-lein
- Yn cynnig gwasanaethau cymorth ffôn, sgwrsio ar-lein ac e-bost



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Search Childline

GWYBODAETH A CHYNGOR

Cymer gip ar ein cyngor ar bethau y gallet fod yn poeni amdanynt. Gallwch ddefnyddio ein bar hygyrchedd i gyfieithu unrhyw un o'n tudalennau eraill i'r Gymraeg.

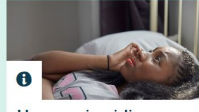




Hunanladdiad
Help a chefnogaeth os wyt ti'n teimlo'n hunanladdol



Ymdopi â meddyliau a theimladau am hunanladdiad
Help i ymdopi â meddyliau a theimladau hunanladdol.



Hunan-niweidio
Darganfod fwy am hunan-niweidio – a dysgu sut i ymdopi os ydych chi eisiau brifo dy hun.



Mathau o broblemau iechyd meddwl
Popeth sydd angen i ti ei wybod am wahanol faterion iechyd meddwl.

Childline

- A helpline specifically for children and young people under 19 in the UK
- Provides support for a wide range of issues, not limited to online concerns
- Offers phone, online chat, and email support services



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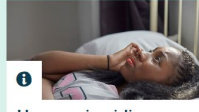
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Ymdopi â meddyliau a theimladau am hunanladdiad

Help i ymdopi â meddyliau a theimladau hunanladdol.



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Popeth sydd angen i ti ei wybod am wahanol faterion iechyd meddwl.

MEIC

- A helpline for children and young people in Wales
- Offers support on various issues, including but not limited to online concerns
- Provides services in both Welsh and English



The banner features a purple header with the MEIC logo and a navigation bar. The main content area has a green background with a hand holding a smartphone displaying the MEIC app. To the right, there is text in Welsh and English, and social media links. The footer contains three purple boxes with contact information.

meic

Rhywun ar dy ochr di
linell gymorth gwybodaeth, cyngor ac eirolaeth i blant a phobl ifanc.

Hafan | Cael Help | Blog | Coda'r Meic | Cronfa Ymddiriedolaeth Plant | Cwestiynau | Adborth

**AM Y
DIWEDDARAF
DILYNA NI**

TIKTOK
INSTAGRAM
FACEBOOK

Sgwrsio ar y we
Clicia yma

RHADFFŌN
080880 23456

Testun
84001

MEIC

- Llinell gymorth i blant a phobl ifanc yng Nghymru
- Yn cynnig cymorth ar faterion amrywiol, gan gynnwys, ond heb fod yn gyfyngedig i, bryderon ar-lein
- Yn darparu gwasanaethau yn Gymraeg ac yn Saesneg



meic

Rhywun ar dy ochr di
linell gymorth gwybodaeth, cyngor ac eiriolaeth i blant a phobl ifanc.

Hafan | Cael Help | Blog | Coda'r Meic | Cronfa Ymddiriedolaeth Plant | Cwestiynau | Adborth

**AM Y
DIWEDDARAF
DILYNA NI**

TIKTOK
INSTAGRAM
FACEBOOK

Sgwrsio ar y we
Clicla yma

RHADFFÔN
080880 23456

Testun
84001

HELPLINE

Professionals Online Safety Helpline

Supporting professionals working with children and young people, with any online safety issue they may be having

CALL

0344 381 4772*



EMAIL

helpline@saferinternet.org.uk



*Calls cost the same as standard landline starting '01' or '02'. If your phone tariff offers inclusive calls to landlines, calls to 0345 numbers will also be included.

Professionals Online Safety Helpline

- Specifically designed for professionals working with children and young people
- Provides support and advice on online safety issues in educational and professional settings
- Part of the UK Safer Internet Centre, like Report Harmful Content

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*Calls cost the same as standard landline starting '01' or '02'. If your phone tariff offers inclusive calls to landlines, calls to 0345 numbers will also be included.

Llinell Gymorth Diogelwch Ar-lein i Weithwyr Proffesiynol

- Wedi'i gynllunio'n benodol ar gyfer gweithwyr proffesiynol sy'n gweithio gyda phlant a phobl ifanc
- Yn darparu cefnogaeth a chynghor ar faterion diogelwch ar-lein mewn lleoliadau addysgol a phroffesiynol.
- Rhan o Ganolfan Rhyngwyd Mwy Diogel y DU, fel Riportio Cynnwys Niweidiol

Pryd mae camdriniaeth ar-lein,
neu ymddygiad bygythiol yn
torri'r gyfraith?

When does online abuse, or threatening behavior break the law?

Trosedd Casineb / Hate Crime

Troseddau casineb yw unrhyw weithred a dargedir at berson oherwydd gelyniaeth neu ragfarn tuag at:

Anabledd: Mae hyn yn cyfeirio at namau corfforol, meddyliol neu synhwyrdd a all gyfyngu ar allu person i gyflawni tasgau penodol neu ryngweithio â'r byd o'u cwmpas. Gall anableddau fod yn weladwy (fel defnyddio cadair olwyn) neu'n anweledig (fel salwch cronig neu gyflyrau iechyd meddwl).

Hil neu Ethnigrwydd: Mae hil yn cyfeirio at grwpiau o bobl sy'n rhannu nodweddion corfforol tebyg, megis lliw croen, nodweddion wyneb, neu wead gwallt. Mae ethnigrwydd yn cyfeirio at hunaniaeth ddiwylliannol person, gan gynnwys traddodiadau, iaith a hanes a rennir. Gall person berthyn i hil ac ethnigrwydd penodol, neu weithiau uniaethu â lluosog.

Crefydd neu Gred: Mae hyn yn cwmpasu safbwyntiau, arferion, neu gysylltiadau ysbrydol neu grefyddol person. Mae'n cynnwys credoau sy'n seiliedig ar ffydd, p'un a yw rhywun yn dilyn crefydd benodol (fel Cristnogaeth, Islam, Iddewiaeth, ac ati) neu'n uniaethu fel anghrefyddol (fel anffyddiaeth neu agnosticiaeth).

Cyfeiriadedd Rhywiol: Mae hyn yn cyfeirio at atyniad rhamantus neu rywiol person i eraill. Gall pobl uniaethu fel heterorywiol, cyfunrywiol, deurywiol, anrhywiol, ymhlith eraill. Mae'n ymwneud â phwy mae rhywun yn cael ei ddenu, yn emosiynol neu'n gorfforol.

Hunaniaeth Drawsrywiol: Mae hyn yn cyfeirio at unigolion y mae eu hunaniaeth o ran rhywedd yn wahanol i'r rhyw a roddwyd iddynt adeg eu geni. Efallai y bydd person trawsryweddol yn trosglwyddo i fyw fel rhyw sy'n wahanol i'r un y cafodd ei uniaethu ag ef i ddechrau, neu efallai na fydd. Mae hunaniaeth o ran rhywedd yn wahanol i gyfeiriadedd rhywiol, gan ei fod yn ymwneud ag ymdeimlad mewnol person o fod yn wrywaidd, yn fenyw, yn gyfuniad o'r ddau, neu'r naill na'r llall.

Trosedd Casineb / Hate Crime

Hate crimes are any act targeted at a person because of hostility or prejudice towards:

Disability: This refers to physical, mental or sensory impairments that can limit a person's ability to carry out certain tasks or interact with the world around them. Disabilities can be visible (such as using a wheelchair) or invisible (such as chronic illness or mental health conditions).

Race or Ethnicity: Race refers to groups of people who share similar physical characteristics, such as skin color, facial features, or hair texture. Ethnicity refers to a person's cultural identity, including shared traditions, language and history. A person may belong to a particular race and ethnicity, or sometimes identify with multiple.

Religion or Belief: This covers a person's spiritual or religious views, practices, or affiliations. It includes faith-based beliefs, whether one follows a particular religion (such as Christianity, Islam, Judaism, etc.) or identifies as non-religious (such as atheism or agnosticism).

Sexual Orientation: This refers to a person's romantic or sexual attraction to others. People can identify as heterosexual, homosexual, bisexual, asexual, among others. It's about who someone is attracted to, emotionally or physically.

Transgender Identity: This refers to individuals whose gender identity is different from the gender they were assigned at birth. A transgender person may transition to living as a gender different from the one they initially identified with, or they may not. Gender identity is different from sexual orientation, as it relates to a person's internal sense of being male, female, a combination of both, or neither.



Stop hate crime

Login

Search...

Select Language



Report a hate crime

What is hate crime?

Resources

Support

News

Contact

The police don't tolerate hate crime

Why should you?

report-it.org.uk



Report a Hate Crime »

Efallai y byddai'n help pe baech chi'n ystyried eich ymateb i'r cwestiynau hyn wrth i chi feddwl am beth sydd wedi digwydd/sydd yn digwydd ar-lein.

- **Oes rhywun mewn perygl y funud hon?**
- **Oes bygythiad wedi'i wneud i fywyd rhywun?**
- **Ydy diogelwch rhywun wedi cael ei beryglu?**
- **Oes rhywun yn cael ei orfodi i gymryd rhan mewn ymddygiad rhywiol ar-lein?**

Os ydych chi wedi ateb oes/ydy i unrhyw un o'r cwestiynau uchod byddem ni'n argymhell eich bod yn cysylltu â'r heddlu fel argyfwng. Y peth gorau bob amser yw cysylltu â'r heddlu drwy ddeialu 999 os ydych chi neu rywun rydych chi'n ei helpu mewn perygl y funud honno.

It might help if you consider your response to these questions as you think about what has happened/is happening online.

Is someone in danger right now?

Has a threat been made to someone's life?

Has someone's safety been put at risk?

Is someone being forced to take part in sexual behavior online?

If you have answered yes/yes to any of the above questions we would recommend that you contact the police as an emergency. It is always best to contact the police by dialing 999 if you or someone you are helping is in danger at that moment.

Cyberbullying: Mum's story of loss inspires prince to act

🕒 16 November 2017

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The Duke of Cambridge, inspired by a mother's story of loss, has launched a code of conduct to beat cyberbullying.

Lucy Alexander's son, Felix, killed himself aged 17 after years of being bullied on social media.

Snapchat bullying: Adults 'can't keep up with technology'

🕒 5 February 2019 

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Parents and teachers cannot keep up with technology quickly enough to effectively deal with cyber bullying, the Children's Commissioner has said.

NEWS

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Instagram biggest for child grooming online - NSPCC finds

1 March 2019

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Social media regulation debate



Roblox: 'I thought he was playing an innocent game'

by Rachel Stonehouse
Victoria Derbyshire programme

30 May 2019

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Roblox is a multiplayer platform where players can create their own games and join in with others

Ydy chwarae gemau ar-lein yn syniad da?

Is playing online games a good idea?





Gaming disorder

Online Q&A
September 2018

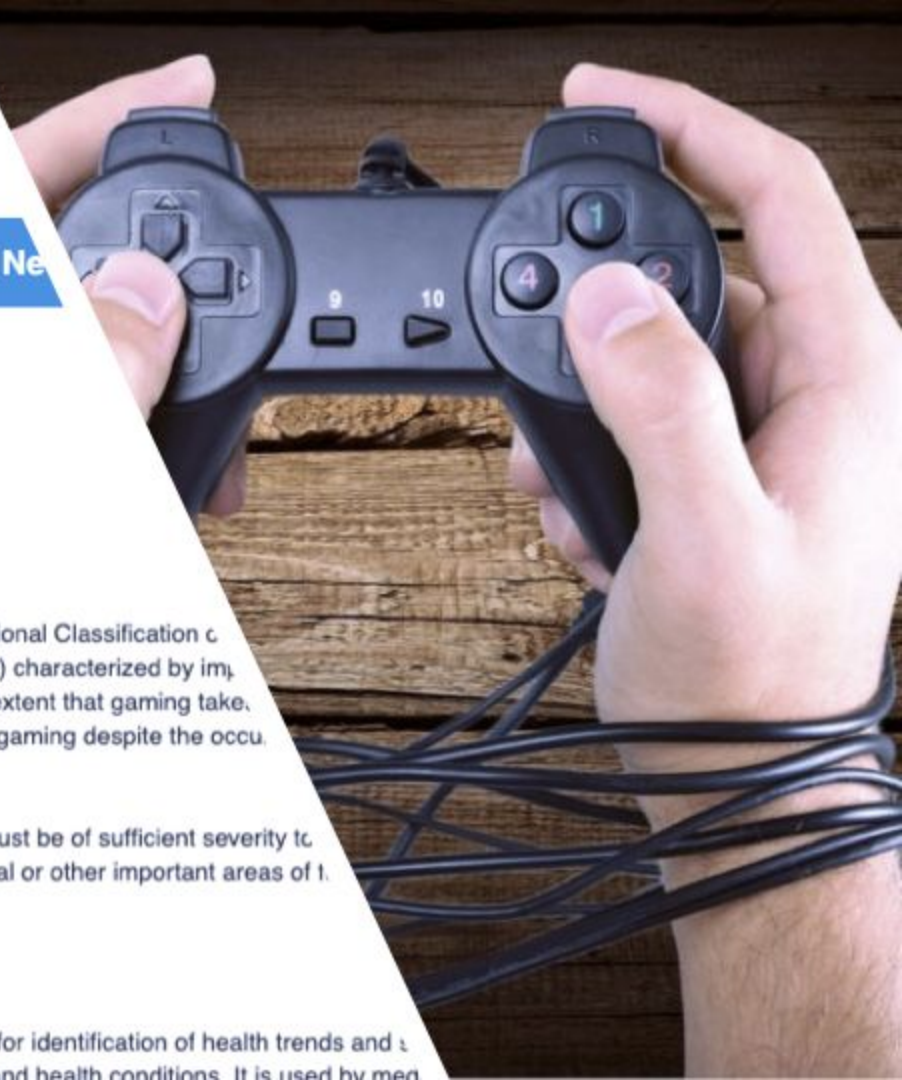
What is gaming disorder?

Gaming disorder is defined in the 11th Revision of the International Classification of Diseases (ICD-11) as a persistent or recurrent pattern of gaming behavior ("digital-gaming" or "video-gaming") characterized by impaired control over gaming, increasing priority given to gaming over other activities to the extent that gaming takes up or increases to the point where it causes significant harm to interests and daily activities, and continuation or escalation of gaming despite the occurrence of harmful consequences.

For gaming disorder to be diagnosed, the behaviour pattern must be of sufficient severity to cause significant impairment in personal, family, social, educational, occupational or other important areas of life. The pattern must be persistent or recurrent and would normally have been evident for at least 12 months.

What is the International Classification of Diseases?

The International Classification of Diseases (ICD) is the basis for identification of health trends and is used globally and the international standard for reporting diseases and health conditions. It is used by many

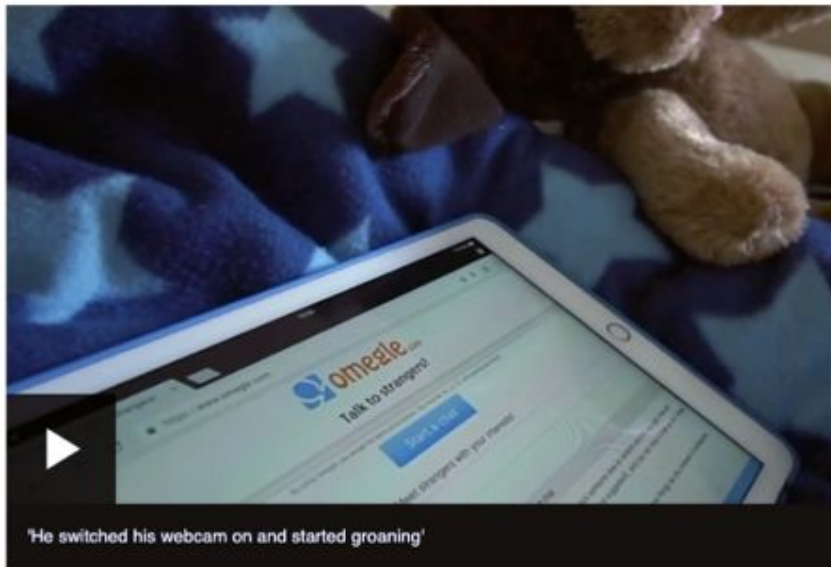


Beth yw oedran 'gamer' ar
gyfartaledd?

What is the average age of a
'gamer'?

Child exploitation: Live streaming an 'urgent' threat

🕒 5 December 2017 📄



Sex offenders are increasingly using live online streaming platforms to exploit children, police have warned.

'Ban kids from loot box gambling in games'

By Jane Wakefield
Technology reporter

🕒 12 September 2019



In-game spending should be regulated by gambling laws and so-called loot boxes banned entirely for children, MPs say.



News

Coroner: Social media contributed to teenager's death

Online Safety Bill

Keeping illegal content away from users

The Online Safety Bill is a piece of legislation in the UK aimed at protecting users from harmful content online. **It places legal responsibilities on social media platforms and other internet companies to protect users, particularly children, from harmful material** such as cyberbullying, online harassment, and harmful misinformation. The bill also requires platforms to remove illegal content quickly and introduces measures to hold companies accountable for failing to keep users safe.



<https://open.spotify.com/show/5THRCuK6mrPcklsJ752vbu?si=edd5221711794466>



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PODCAST

Podlediad Cadernid Digidol - GwE - Digital Resilience Podcast

GwE Gogledd

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Stay true to yourself online

Many of us have embraced the rise of social media platforms and this has provided the opportunity to be more connected than ever before. Over 100 million photos are shared on Instagram every day, but given how easy it is to edit photos, sometimes we can feel...

 Jul 22 · 24 min 19 sec



Byddwch yn drw i chi'ch hun ar-lein

Mae llawer ohonom yn croesawu poblogrwydd cynyddol y cyfryngau cymdeithasol ac mae'n gyfle inni gadw mewn cysylltiad yn fwy nag erioed o'r blaen. Mae dros 100 miliwn o luniau'n cael eu rhannu ar Instagram bob dydd, ond o ystyried pa mor hawdd yw...

 Jul 22 · 31 min 30 sec



Cadernid Digidol - Camwybodaeth

Mae'r cyfryngau cymdeithasol a llwyfannau newyddion a digidol wedi rhoi mynediad rhwydd i ni at wybodaeth a chysylltiad ar...

About

Yn dod a'r diweddraf am 'Gadernid Digidol' yng Nghymru. Bringing the latest about 'Digital Resilience' in Wales

Am fwy o wybodaeth ac adnoddau defnyddiol cliciwch ar y ddolen - <https://hwb.gov.wales/parthau/cadwn-ddiogel-ar-...> **see more**

Cookies

Privacy

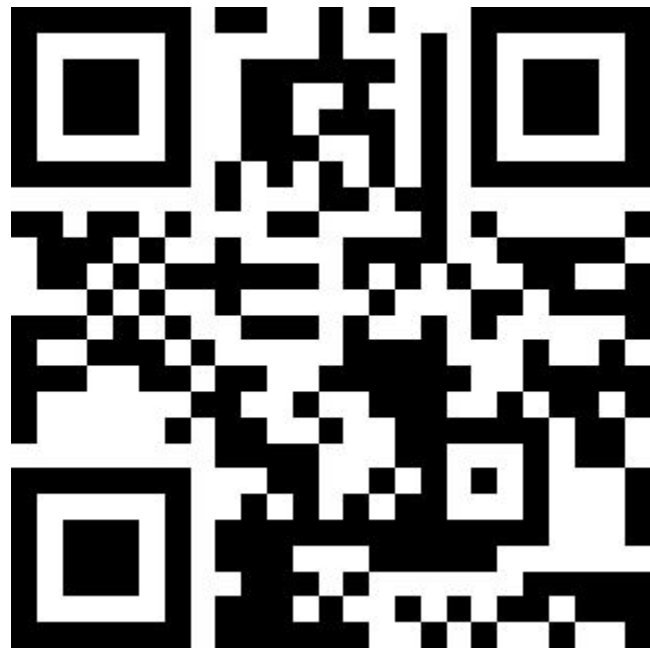
Fframwaith
Cymhwysedd
Digidol

Digital Competence
Framework





<https://tinyurl.com/digidol2025>



<https://tinyurl.com/DCFCONWY2025>

Dinasyddiaeth: Mae'r agwedd hon yn canolbwyntio ar hunaniaeth ddigidol, lles, a ymddygiad cyfrifol ar-lein.

Rhyngweithio a Chydweithio: Mae'r agwedd hon yn pwysleisio cyfathrebu digidol a chydweithio ar-lein.

Cynhyrchu: Mae'r agwedd hon yn ymwneud â chynllunio, creu a gwerthuso a gwella cynnwys digidol.

Data a Meddwl Cyfrifiadurol: Mae'r agwedd hon yn canolbwyntio ar ddatrys problemau (codio) a thrin data.

Citizenship: This aspect focuses on digital identity, well-being, and responsible behavior online.

Interacting and Collaborating: This aspect emphasizes digital communication and online collaboration.

Producing: This aspect is about planning, creating and evaluating and improving digital content.

Data and Computational Thinking: This aspect focuses on problem solving (coding) and data manipulation.

Meysydd Dysgu a Phrofiad Areas of Learning and Experience





Datganiadau o'r hyn
sy'n bwysig

Statements of what
matters

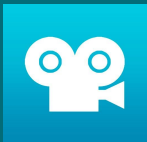
Mae cyfrifiaduraeth yn gosod sail i'n byd digidol

Computation is the foundation for our digital world

Medi/Sept 2016

2018

2022



£Hwb EdTech
2019



www.sgiliaudigidol.cymru
www.digitalskills.cymru

MODEL SAMR

SAMR MODEL

BETH YW'R MODEL? PAM?

- Model i helpu datblygu syniadau wrth gynllunio profiadau digidol.
- Model i wella'r dysgu drwy'r defnydd o dechnoleg.
- I sicrhau pwrpas i ddefnyddio'r dechnoleg yn y dosbarth.

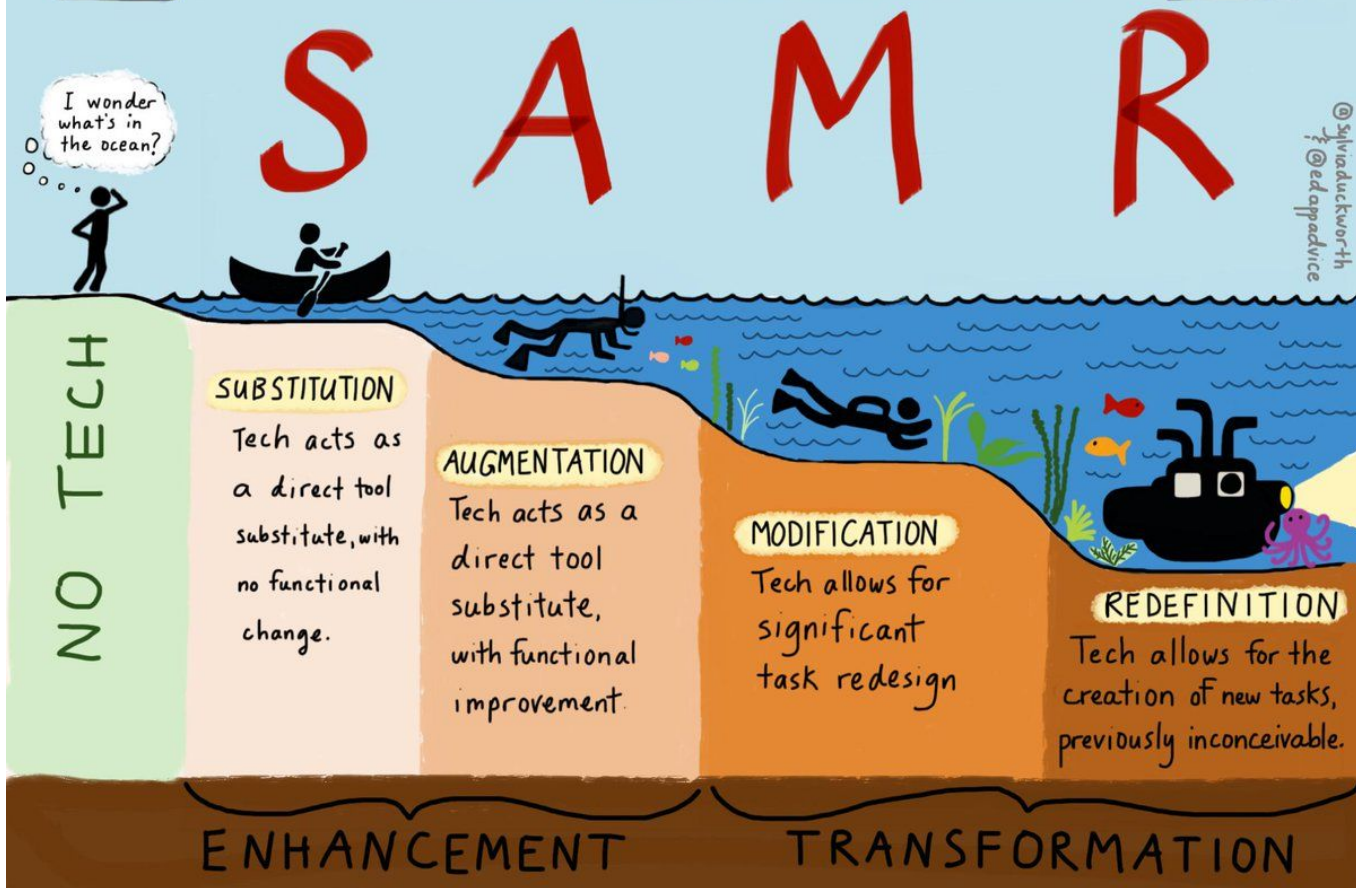
WHAT IS THE MODEL? WHY?

- A model to help develop ideas when planning digital experiences.
- A model to improve learning through the use of technology.
- To ensure a purpose to use the technology in the classroom.



THE SAMR MODEL

The SAMR Model for Technology Integration



S A M R

Technology acts
as a direct tool
substitute, with no
functional change.



coffee

Technology acts
as a direct tool
substitute, with
functional
improvement.



latte

Technology allows
for significant task
redesign.

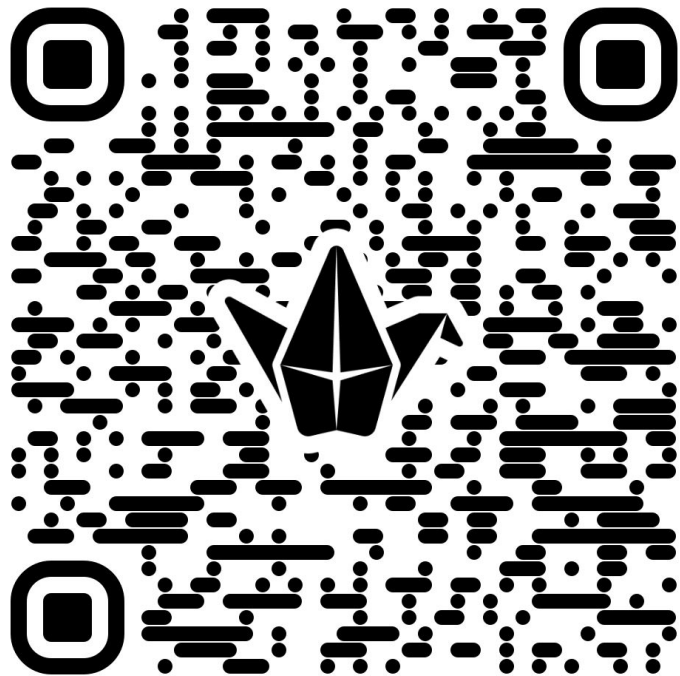


caramel macchiato

Technology allows
for the creation of
new tasks.



pumpkin spice



<https://tinyurl.com/gwe-samr24>



<https://tinyurl.com/samr2025eng>



COP29
Baku
Azerbaijan
UN CLIMATE CHANGE CONFERENCE



?

?



?



?



SEFYDLU CLWB ECO YN YR YSGOL/DOSBARTH A CREU LOGO YN DEFNYDDIO ASEDAU DYLUNIO



MEDDWL AM GWESTIYNAU I GASGLU DATA/GWYBODAETH FYDD YN BWYDO GWEDDIL Y PROSIECT.



DEFNYDDIO TAENLEN I DDADANSODDI'R ATEBION A DOD O HYD I GANFYDDIADAU FYDD YN BWYDO GWEDDILL Y PROSIECT.



CYNHYRCHU CYNNWYS GWELEDOL YN DEFNYDDIO'R FFEITHIAU FYDD YN
DIDDANU/PERSWADIO/YSBRYDOLI/ADDYSGU



ESTABLISH AN ECO CLUB IN THE SCHOOL/CLASS AND CREATE A LOGO USING DESIGN ASSETS



THINK ABOUT QUESTIONS TO GATHER DATA/INFORMATION THAT WILL FEED THE REST OF THE PROJECT.



USE A SPREADSHEET TO ANALYZE THE ANSWERS THAT WILL FEED THE REST OF THE PROJECT.



PRODUCE VISUAL CONTENT USING FACTS THAT WILL
ENTERTAIN/PERSUADE/INSPIRE/EDUCATE

Creu logo yn defnyddio asedau dylunio

Cynllunio > Creu > Gwerthuso

Create a logo using design assets

Plan > Create > Evaluate





Disgyblion i ddefnyddio'r data i
greu tablau a siartiau syml



Pupils to use the data to create
simple tables and charts

	A	B	C	D	E	F	G	
1	Enw	500ml	750ml	1litre	1.5litre	2litre	3litre	
2	Hywel	2	1	0	2	5	0	
3	Gwion	2	2	0	2	5	1	
4	Tomi	4	2	0	1	3	1	
5	Sioned	4	6	0	2	7	1	
6	Marged	4	8	1	1	1	0	
7	Gwen	2	2	2	3	2	1	
8	Manon	5	4	4	4	4	1	
9	Vicky	2	4	5	2	3	1	
10	Jo	4	5	5	2	5	1	
11	Anna	7	5	2	2	5	0	
12	Gwawr	2	4	1	2	5	1	
13								
14	Nifer	38	43	20	23	45	8	
15	Cymedr / Mean	3.5	3.9	1.8	2.1	4.1	0.7	
16								

	A	B	C	D	E	F	G	H
1	Enw	500ml	750ml	1litre	1.5litre	2litre	3litre	
2	Hywel	2	1	0	2	5	0	
3	Gwion	2	2	0	2	5	1	
4	Tomi	4	2	0	1	3	1	
5	Sioned	4	6	0	2	7	1	
6	Marged	4	8	1	1	1	0	
7	Gwen	2	2	2	3	2	1	
8	Manon	5	4	4	4	4	1	
9	Vicky	2	4	5	2	3	1	
10	Jo	4	5	5	2	5	1	
11	Anna	7	5	2	2	5	0	
12	Gwawr	2	4	1	2	5	1	
13								
14	Total	38	43	20	23	45	8	
15	Average / Mean	3.5	3.9	1.8	2.1	4.1	0.7	
16								

[illegible]

▼ | fx

[illegible]



Creu fideo gan ddefnyddio'r wybodaeth

Pwrpas



Create a video using the information

Purpose



Diwrnod y Llyfr / World Book Day



Diwrnod y Llyfr / World Book Day